

FIG.1

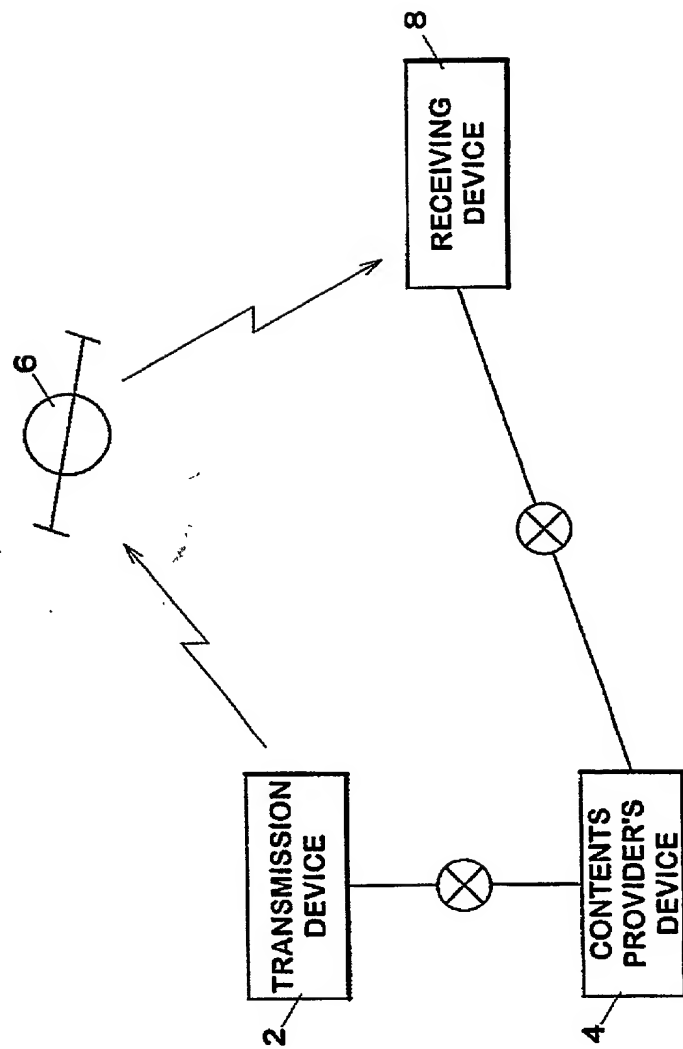


FIG.2

TRANSPORT STREAM	SERVICE
TS1	SV11
	SV12
	SV13
	SV14
TS2	SV21
	SV22
	SV23
	SV24
TS3	SV31
	SV32
	SV33
	SV34

FIG.3

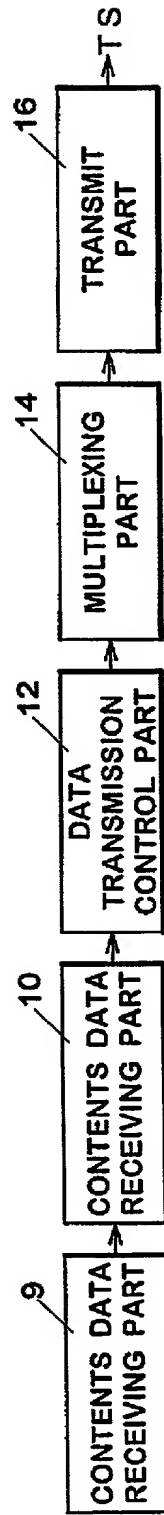


FIG.4

N I T	:A LIST OF SERVICES CONTAINED IN EACH SERVICE (IDENTICAL NITS ARE SEND OUT IN ALL TRANSPORT STREAMS)
P A T	:A LIST OF PMT IN SERVICE CONTAINED IN THE TRANSPORT STREAM (UNIQUE PAT IS SEND OUT FOR EACH TRANSPORT STREAM)
P M T	:DESIGNATE ES(A), ES(V), AND ECM IN THE SERVICE (EACH SERVICE HAS UNIQUE PMT)
E S (A)	:CONTENT (AUDIO) OF THE SERVICE (EACH SERVICE HAS UNIQUE ES (A))
E S (V)	:CONTENT (VIDEO) OF THE SERVICE (EACH SERVICE HAS UNIQUE ES (V))
E C M	:A SCRAMBLE KEY OF THE SERVICE (EACH SERVICE HAS UNIQUE ECM)
S D T	:BIBLIOGRAPHIC INFORMATION OF THE SERVICE SUCH AS NAME OF THE SERVICE SO ON (EACH SERVICE HAS UNIQUE SDT)
E I T	:BIBLIOGRAPHIC INFORMATION OF THE SERVICE SUCH AS TITLE OF THE CONTENT, START TIME SO ON. (TWO KIND OF EIT ONE INDICATES DESCRIPTION OF EACH CONTENT, THE OTHER CALLED LONG-TERM EIT SHOWING ON-AIR SCHEDULE OF ALL CONTENTS IN ALL OF SERVICES)

FIG.5

TS1	NIT	SDT1	ES(A)11
	PMT1	SDT2	ES(A)12
	PMT11	SDT3	ES(A)13
	PMT12		ES(A)14
	PMT13		ES(V)11
	PMT14		ES(V)12
			ES(V)13
TS2			ES(V)14
	NIT	SDT1	ES(A)21
	PMT2	SDT2	ES(A)22
	PMT21	SDT3	ES(A)23
	PMT22		ES(A)24
	PMT23		ES(V)21
	PMT24		ES(V)22
TS3			ES(V)23
			ES(V)24
	NIT	SDT1	ES(A)31
	PMT3	SDT2	ES(A)32
	PMT31	SDT3	ES(A)33
	PMT32		ES(A)34
	PMT33		ES(V)31
	PMT34		ES(V)32
			ES(V)33
			ES(V)34

FIG.6

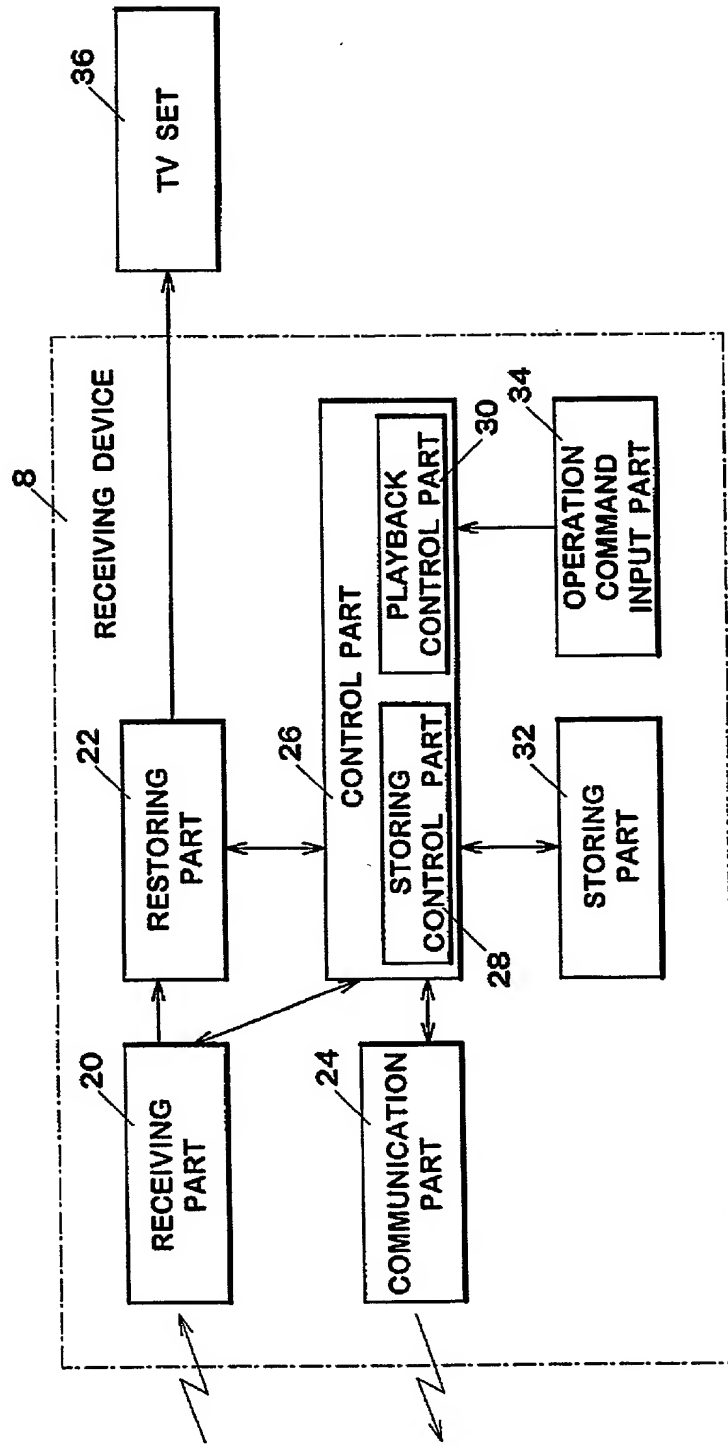


FIG. 7

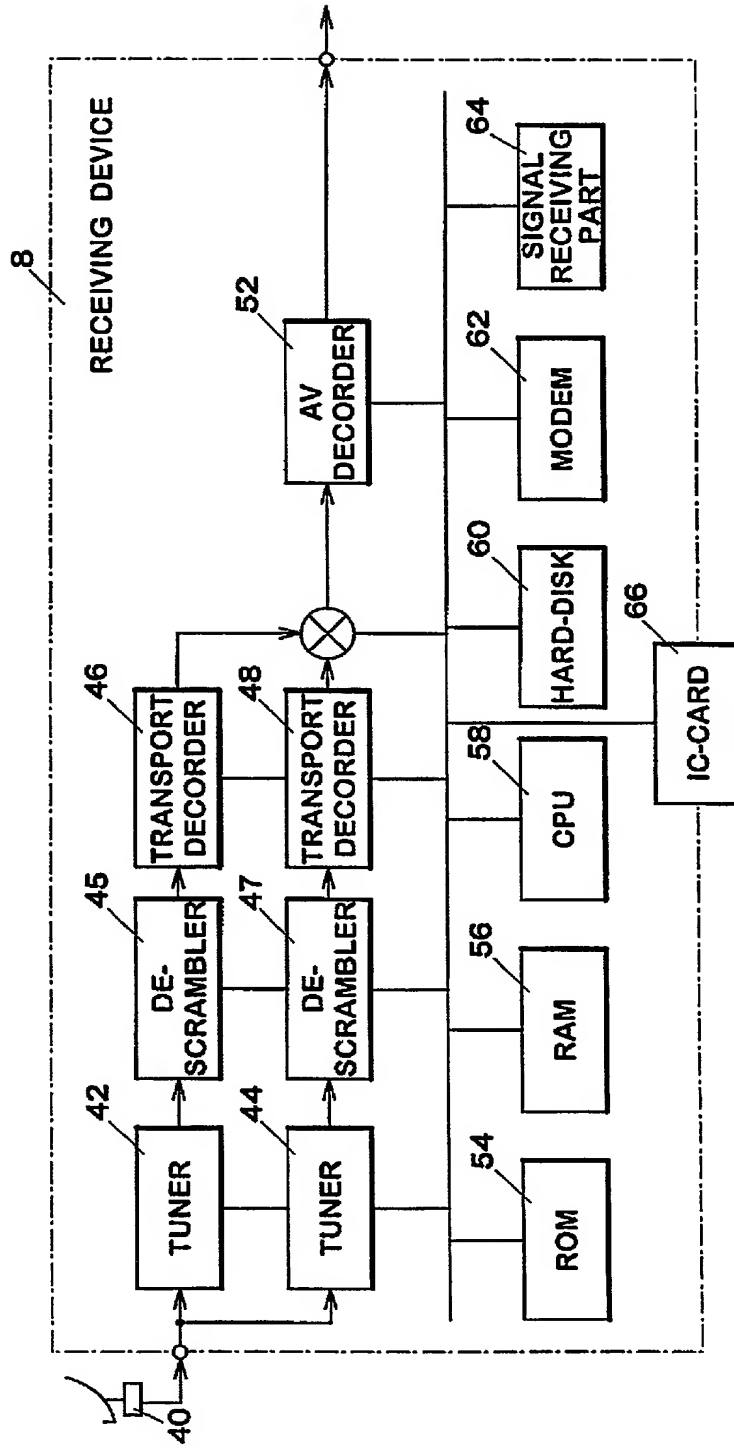


FIG.8

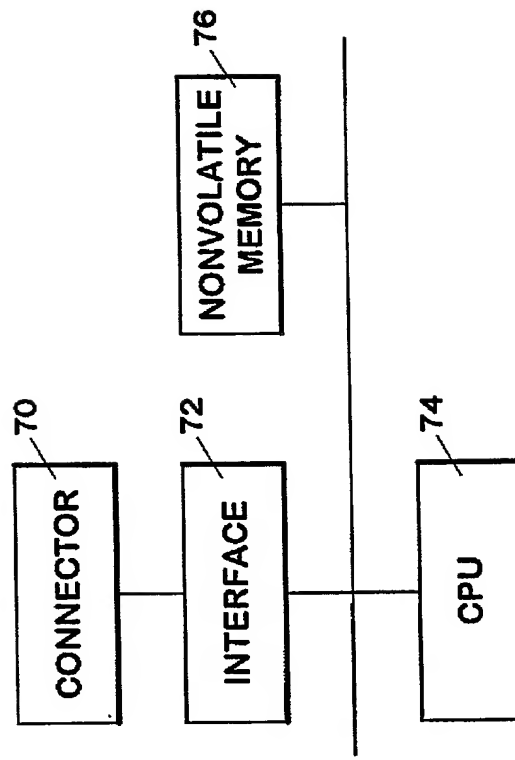


FIG.9

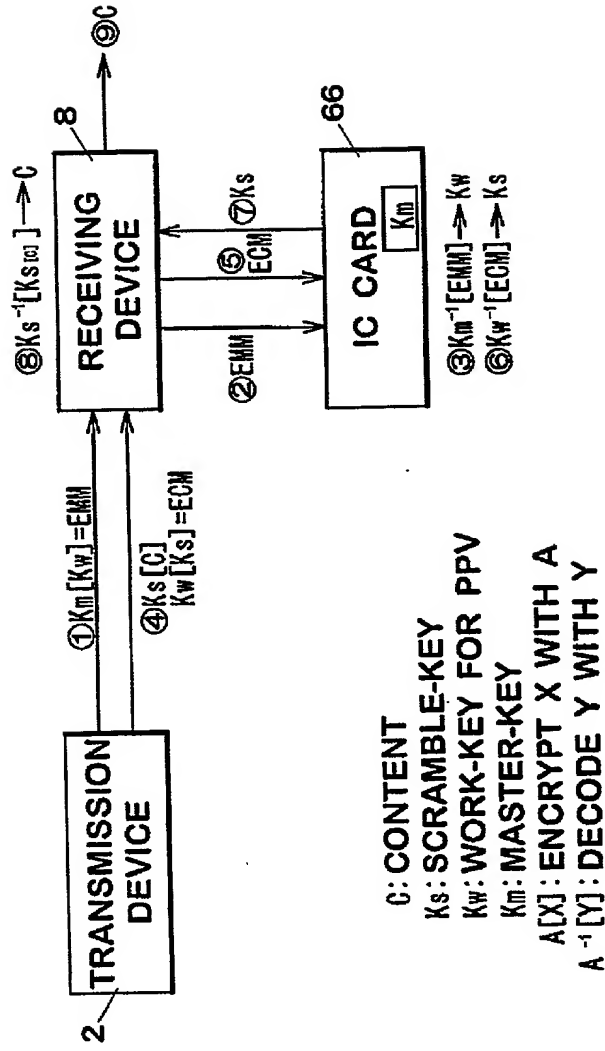


FIG.10

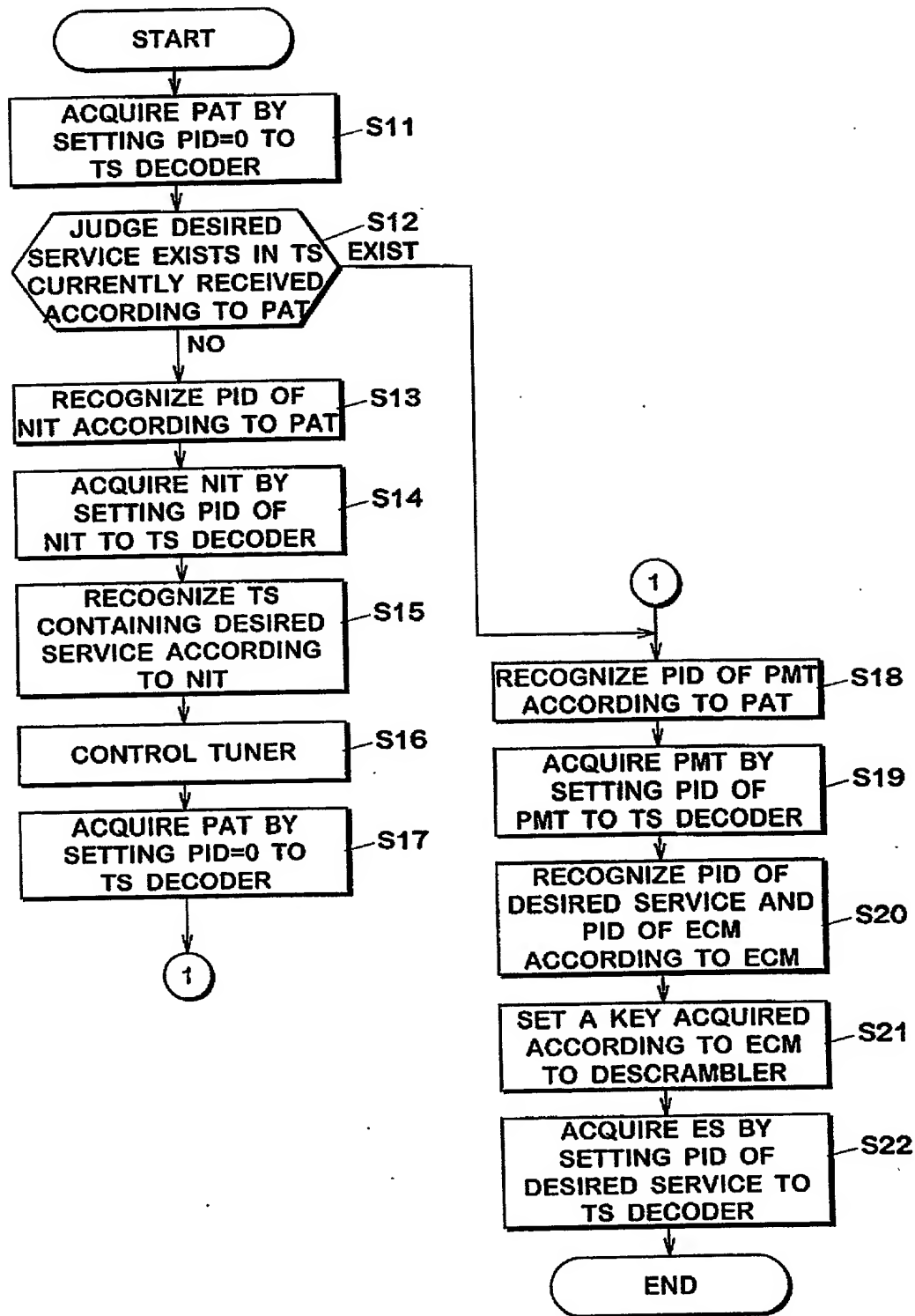


FIG.11

N I T (P I D = 0 X 1 0)

TRANSPORT STREAM	TRANSMISSION PARAMETERS	SERVICE LIST
T S 1	f 1 ----	SV11,SV12,SV13,SV14,
T S 2	f 2 ----	SV21,SV22,SV23,SV24,
T S 3	f 3 ----	SV31,SV32,SV33,SV34,
⋮	⋮	⋮

FIG.12

PAT (PID=0X00)

SERVICE	PID OF PMT	PID OF NIT
SV11	0X0031	0X0010
SV12	0X0032	
SV13	0X0033	
SV14	0X0034	

FIG.13

PMT (PID=0X31)

VIDEO		AUDIO	
PID OF ECM	PID OF ES	PID OF ECM	PID OF ES
0X41	0X42	0X41	0X44

FIG.14

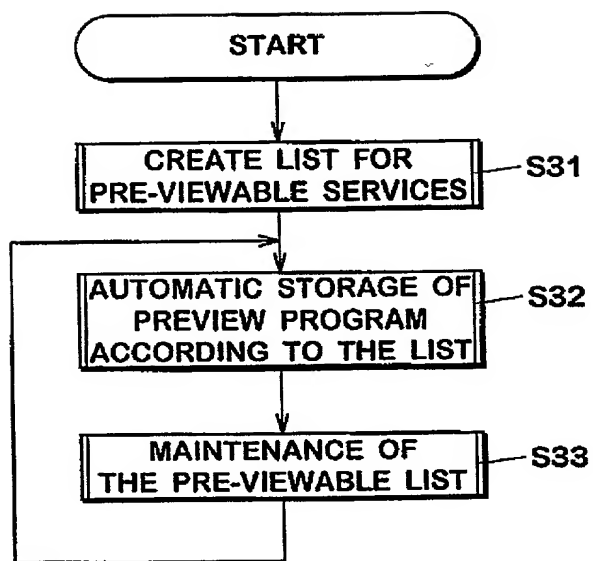


FIG.15

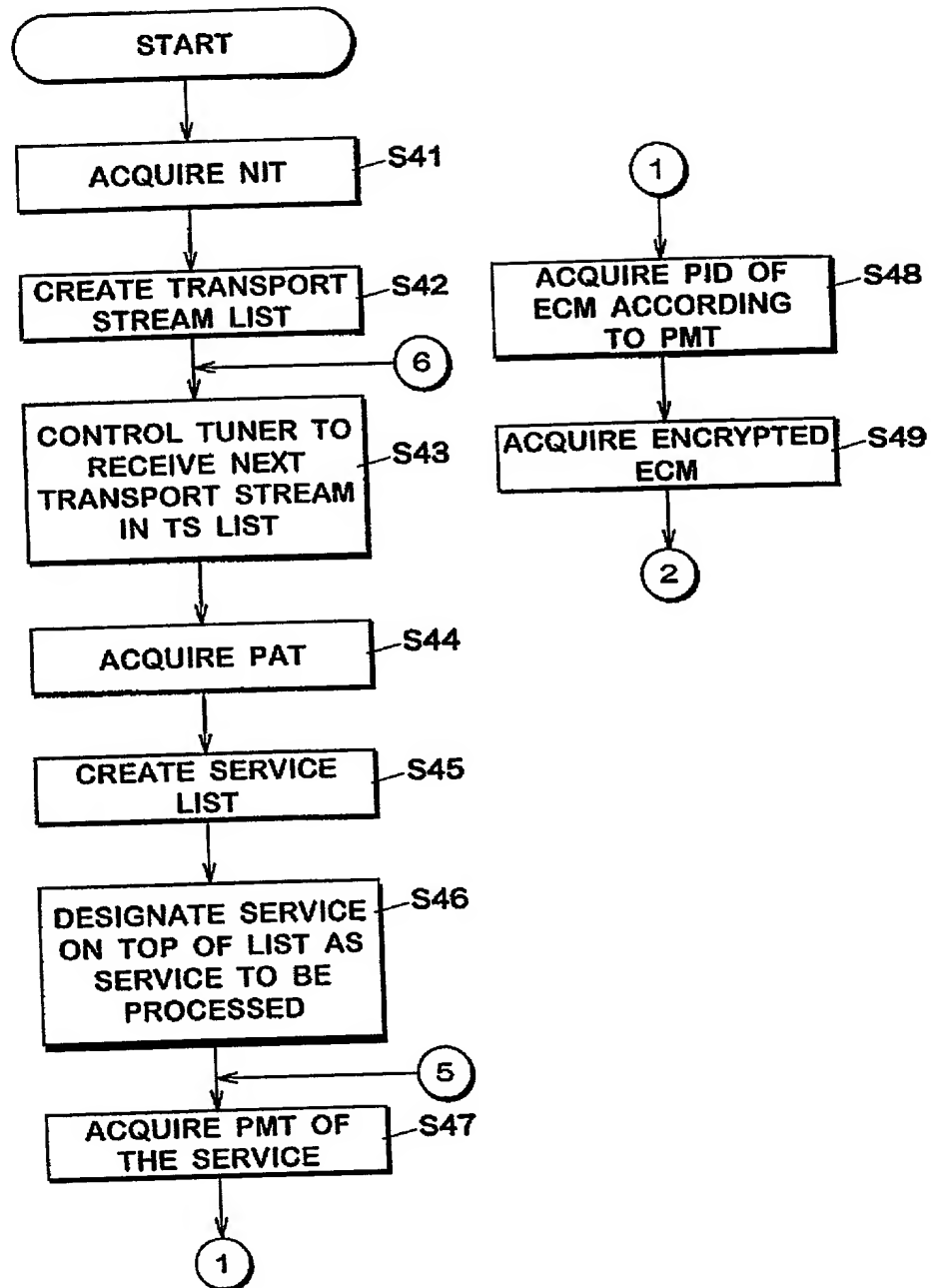


FIG.16

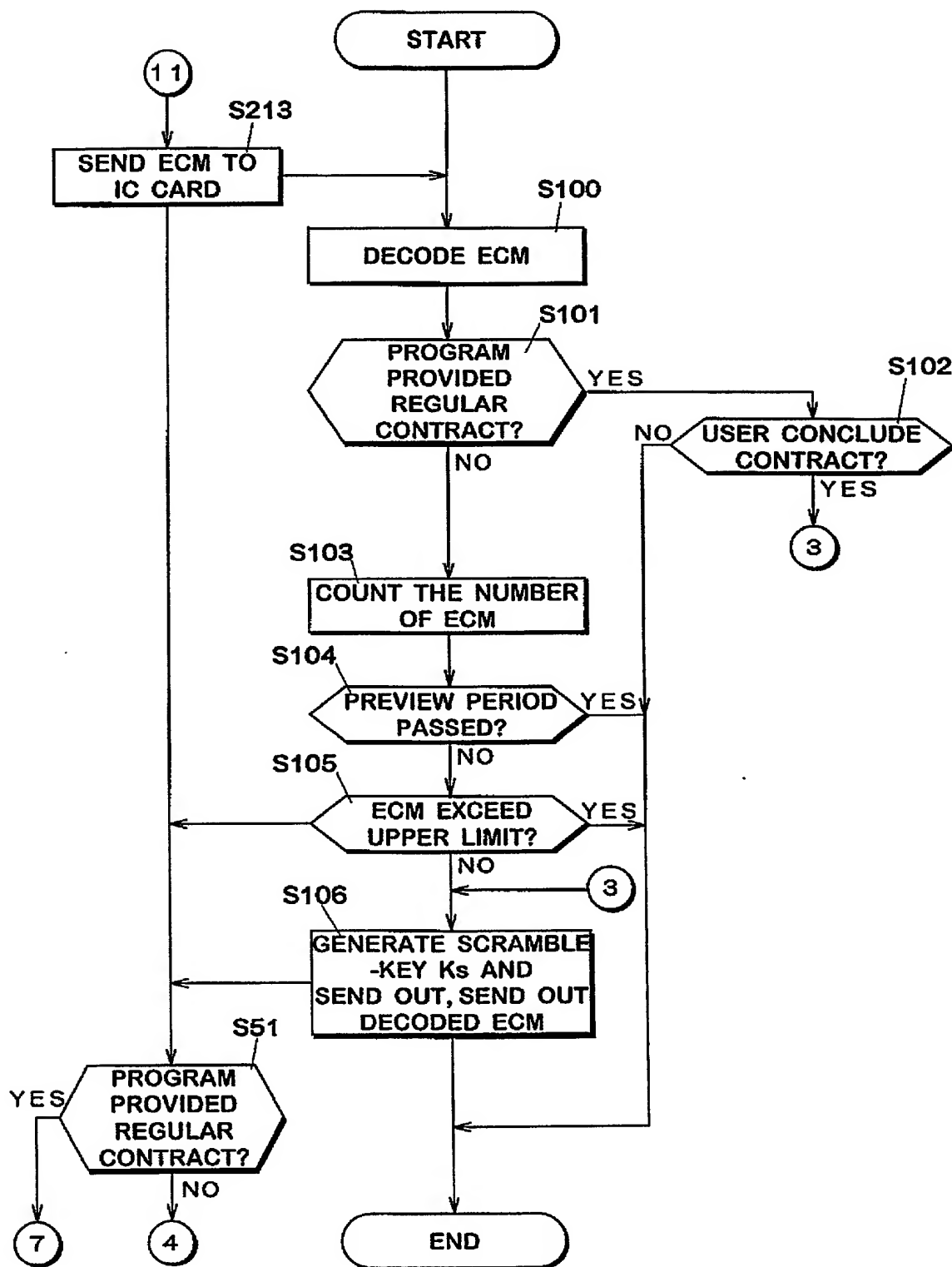


FIG.17

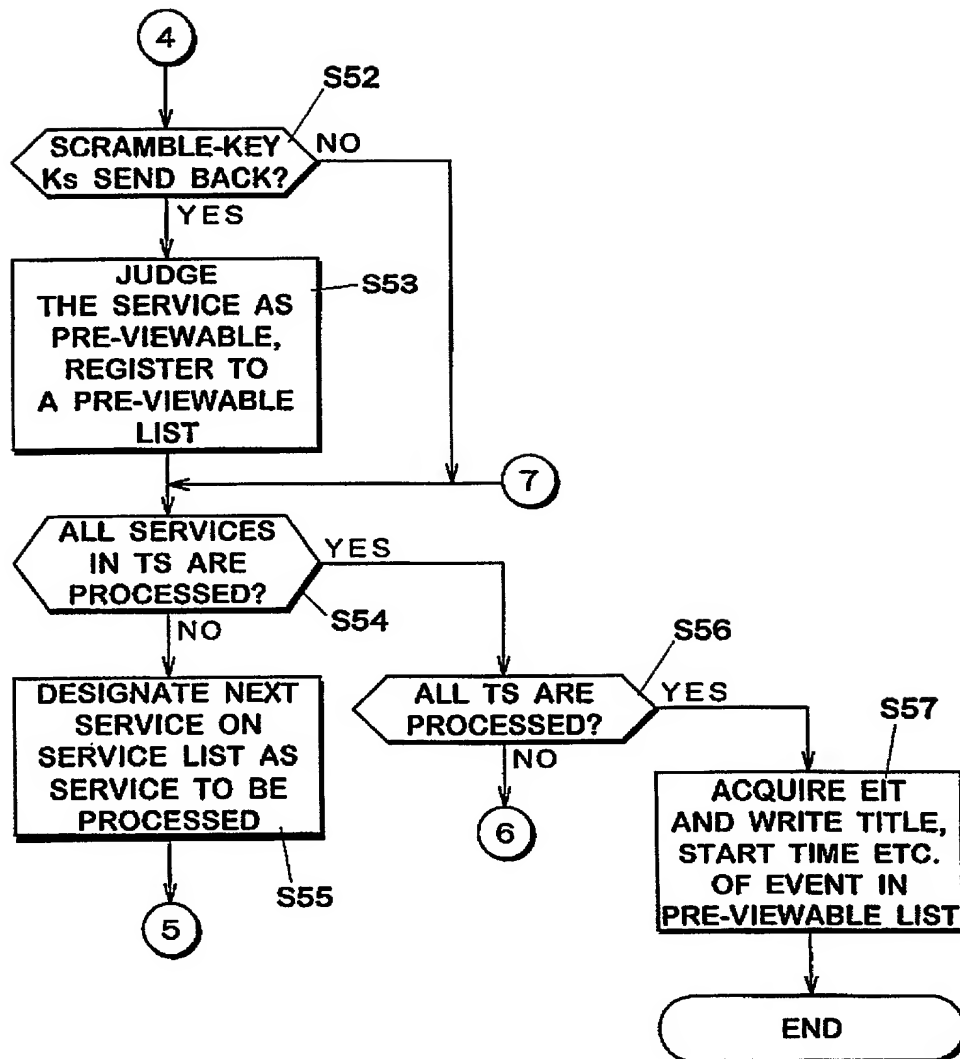


FIG.18

TRANSPORT STREAM	TRANSMISSION PARAMETERS	SERVICE LIST
TS1	f 1 ----	SV11,SV12,SV13,SV14,
TS2	f 2 ----	SV21,SV22,SV23,SV24,

FIG.19

SERVICE	PID OF PMT
SV11	0X0031
SV12	0X0032
SV13	0X0033
SV14	0X0034

FIG.20

Kw[K s]	SERVICE ID	TYPE OF PROGRAM	PRE- VIEWABLE PERIOD (NUMBER OF ECM)	PREVIEW LIMIT	CURRENT TIME	-----
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FIG.21

SERVICE	EVENT (TITLE)	START TIME	
SV11			
SV14			
SV22			
SV24			
SV31			

FIG.22

SERVICE	EVENT (TITLE)	NAME OF SERIES	START TIME	ON-AIR PERIOD	
SV11	TOM&JET	———	9:00	0:15	
	TOM&JET	———	11:30	0:15	
	TOM&JET	———	14:00	0:15	
	⋮	⋮	⋮		
SV14	SUPER WARS I	SUPER WARS	9:00	2:05	
	NINE DAYS	———	12:00	1:30	
	SUPER WARS I	SUPER WARS	14:10	2:10	
	NINE DAYS	———	17:10	1:30	
	⋮	⋮	⋮		

FIG.23

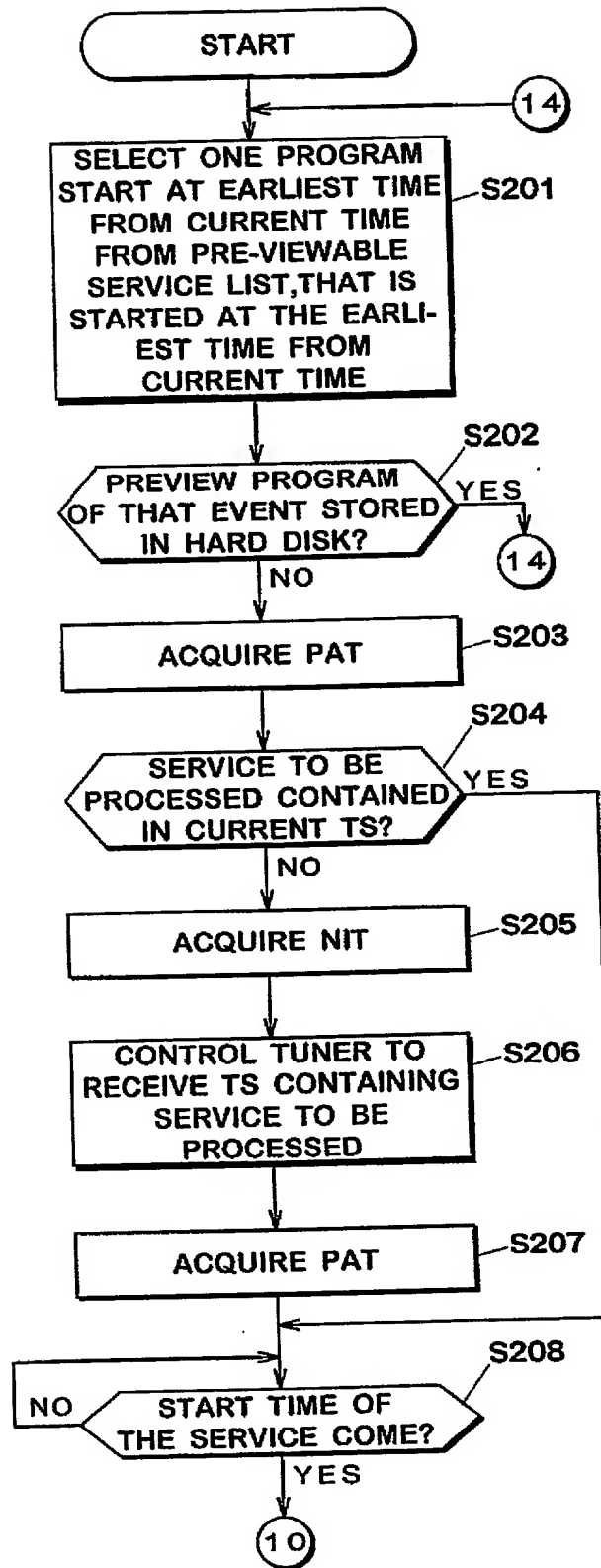


FIG.24

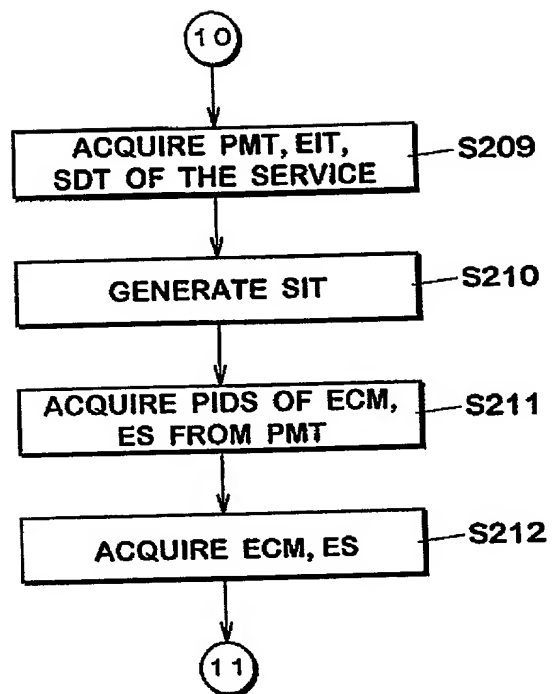


FIG.25

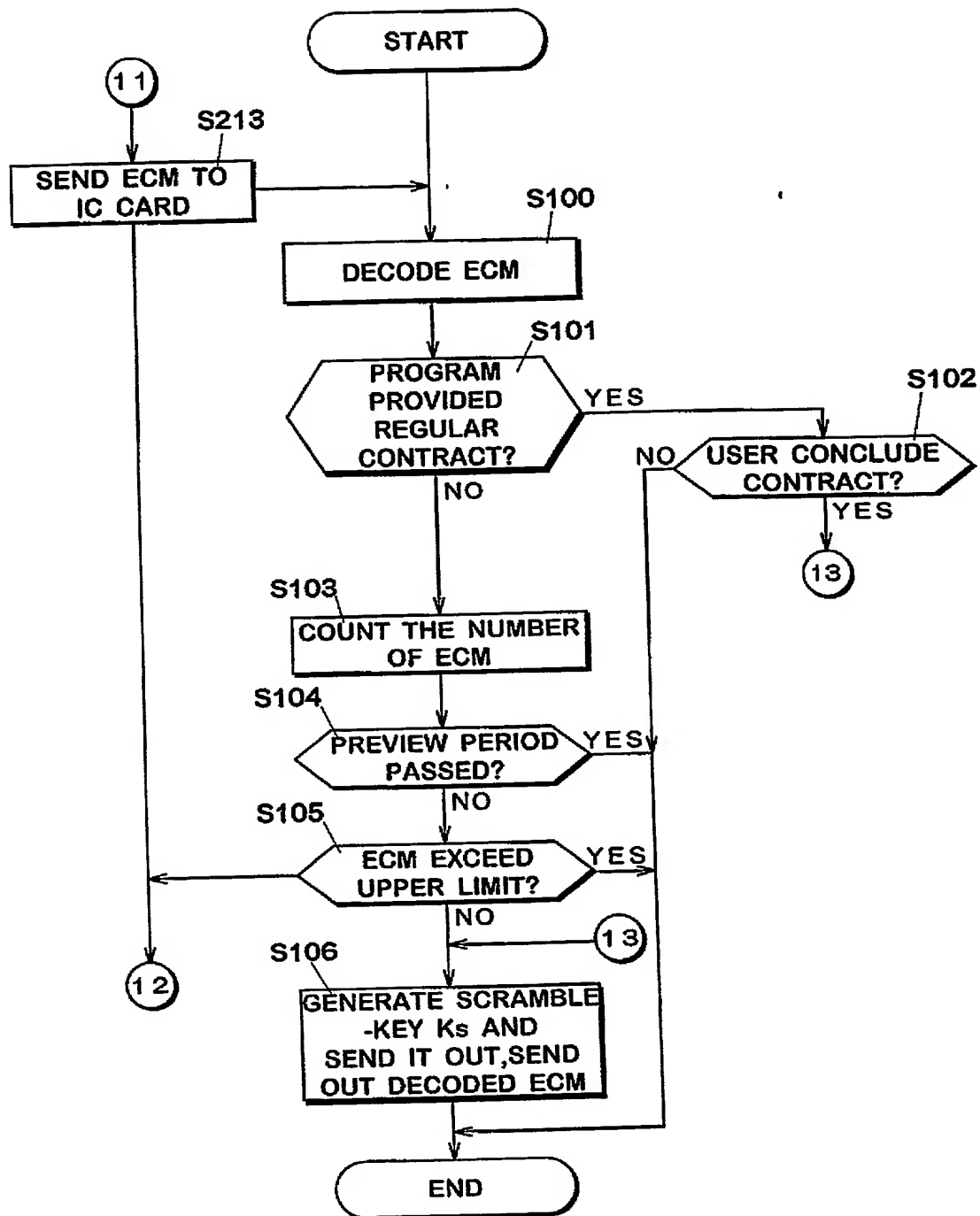


FIG.26

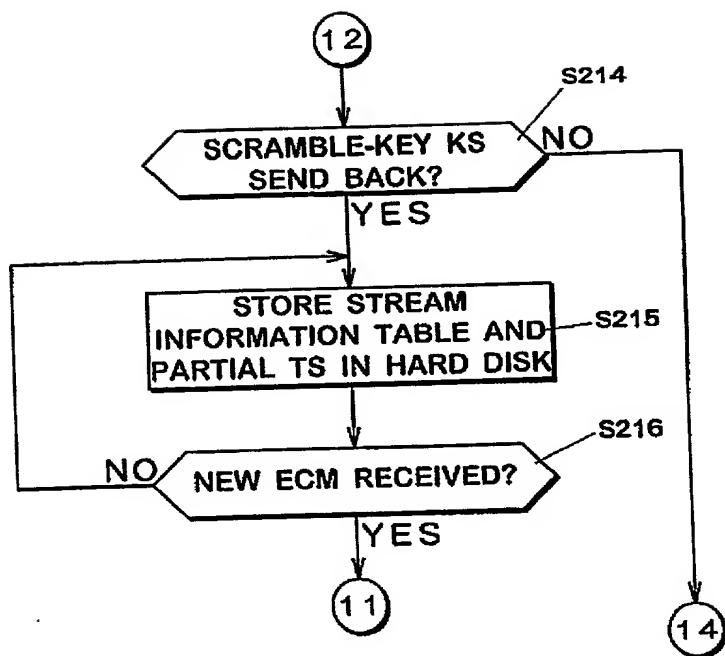


FIG.27

S I T : (DESCRIBE INFORMATION ON PROGRAM)
(DESCRIBE PID ETC. OF PMT)

PMT : (DESCRIBE PID ETC. OF ES)

ES : (CONTENTS)

FIG.28

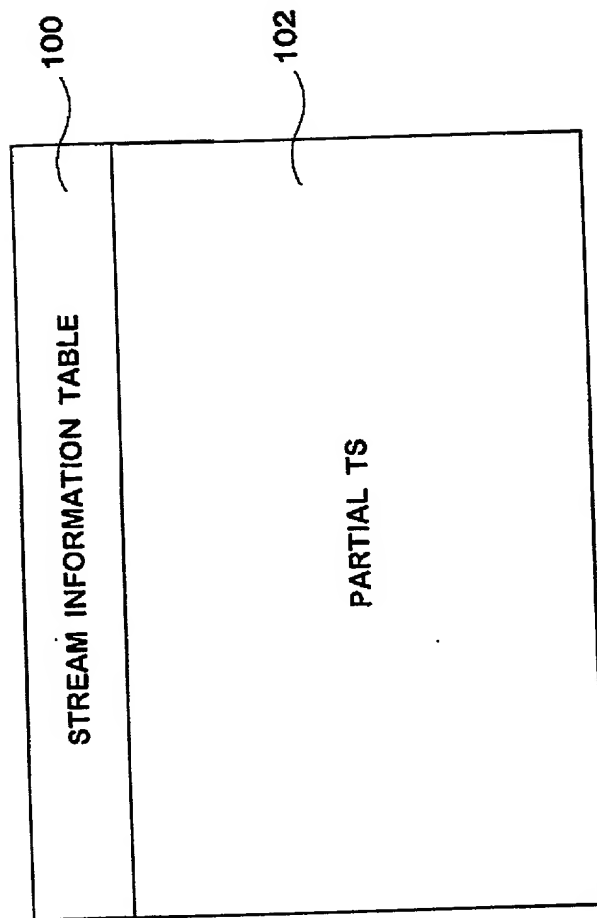


FIG.29

110	112	114	116	118	120	122
FLAG INDICATING PREVIEW	INFOR- MATION ON TYPE OF CONTENT	STREAM CATE- GORY ID	INFORMA- TION ON PARENTAL GUIDANCE	PLAY- BACK PERIOD	TITLE	

FIG.30

FLAG INDICATING PREVIEW	TYPE OF STORED CONTENTS	STREAM ID	CATE- GORY	PARENTAL GUIDANCE	PLAY- BACK PERIOD	TITLE
—	PREVIEW	0001		—	10	PAY THEM BACK
—	PREVIEW	0002		—	5	JUNGLE PARK
	PREVIEW	0003		—	12	RINGLE
—	PREVIEW	0004		—	30	TOM& JET
—	PREVIEW	0005		—	10	A GIRL FLY OVER SKY
—		0006		—	230	AN INCIDENT OCCUR ON THAT DAY

FIG.31

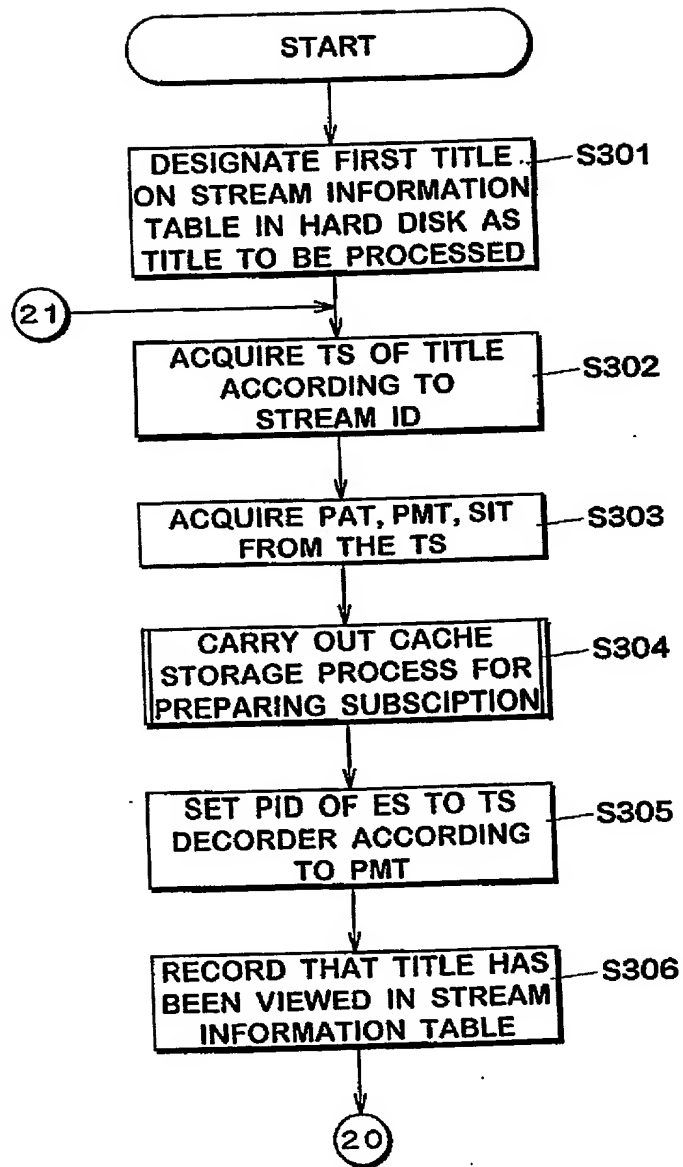


FIG.32

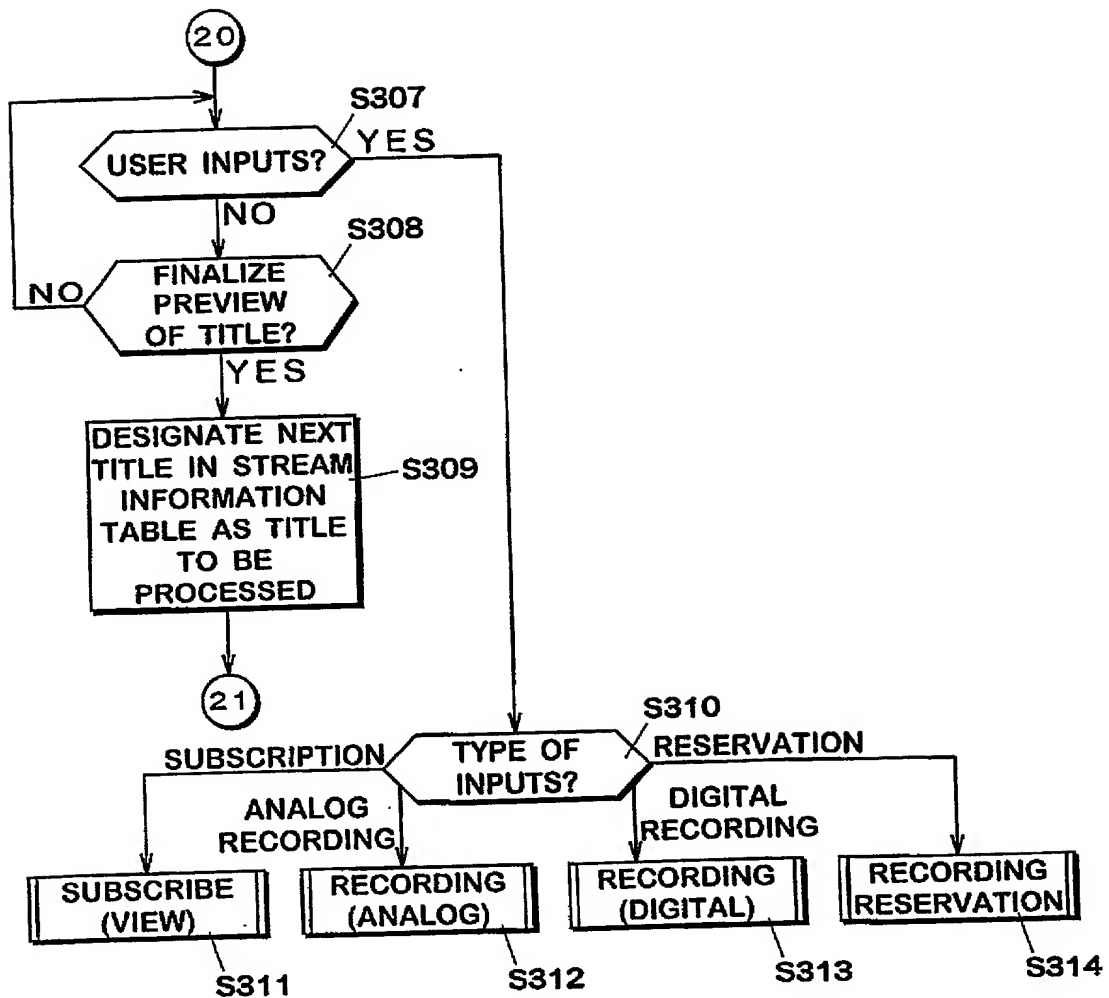


FIG.33A

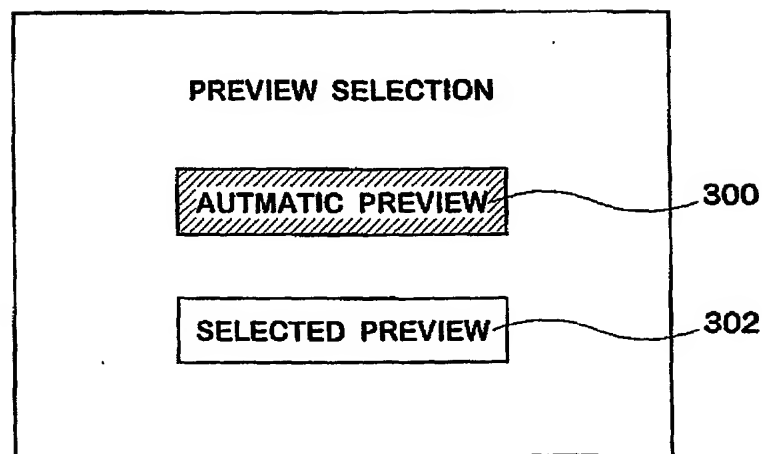


FIG.33B

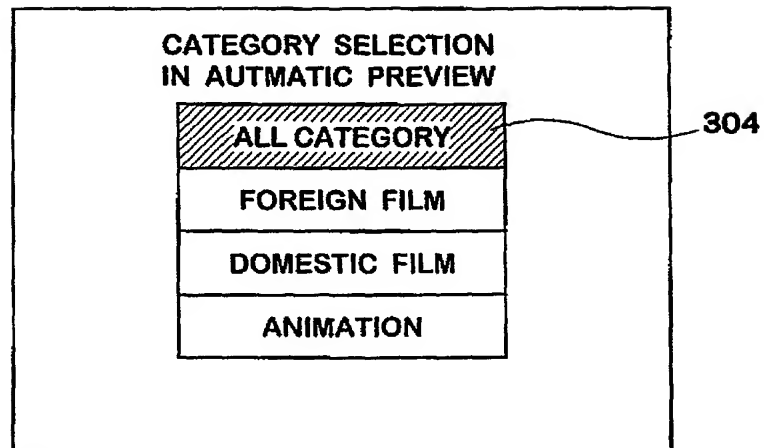


FIG.33C

CATEGORY SELECTION IN SELECTED PREVIEW	
FOREIGN FILM	PAY THEM BACK
FOREIGN FILM	JUNGLE PARK
DOMESTIC FILM	RINGLE
ANIMATION	TOM & JET

FIG.34

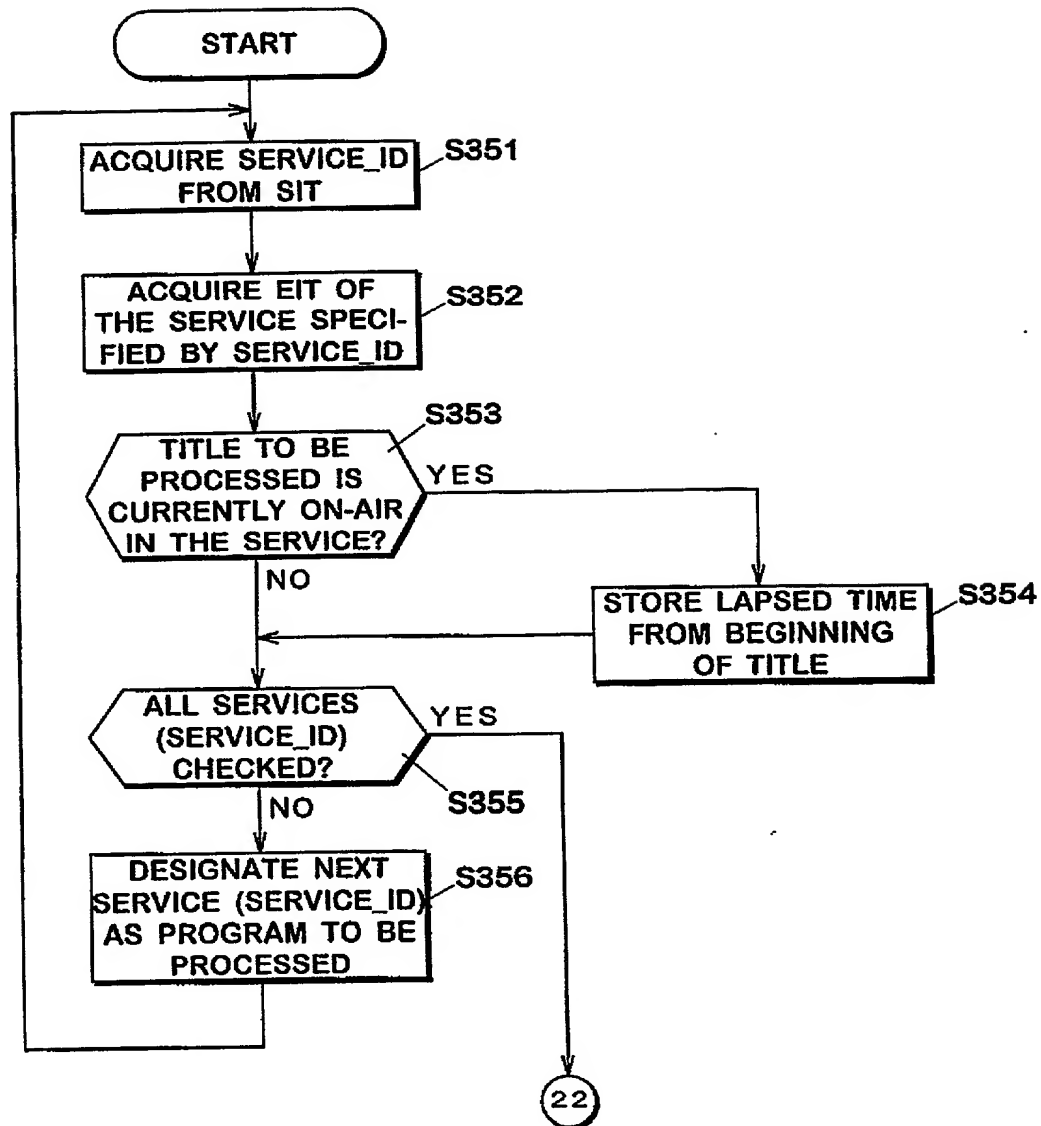


FIG.35

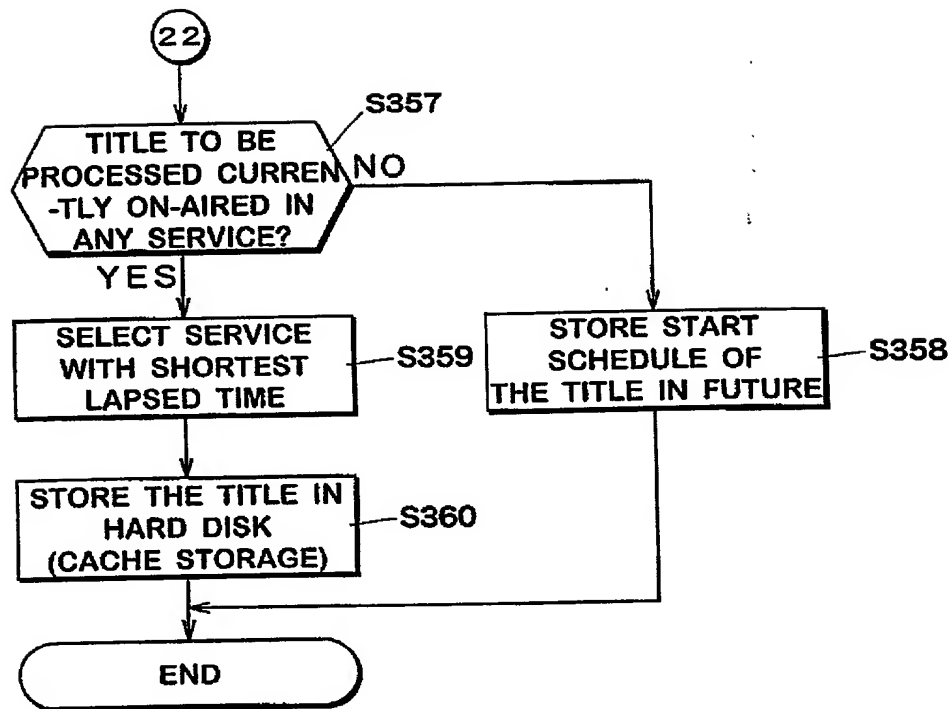


FIG.36

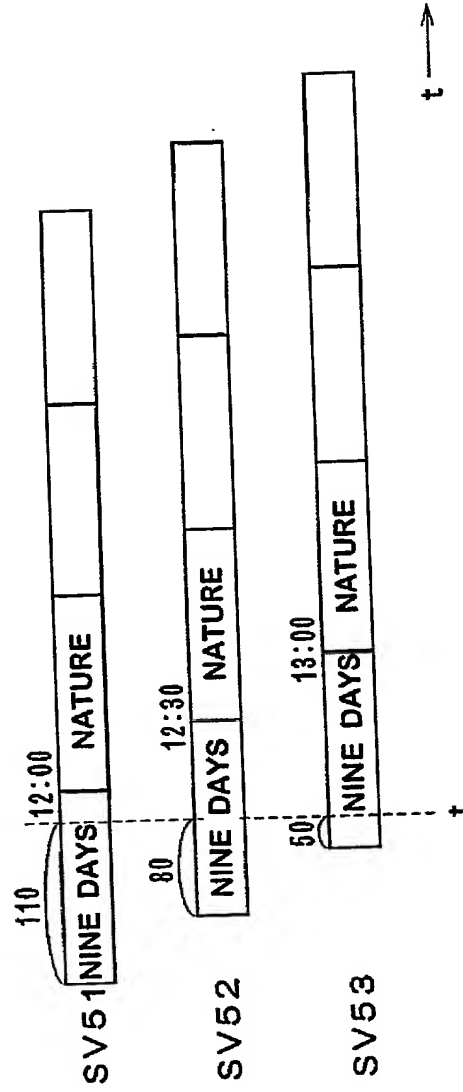


FIG.37

NINE DAYS	LAPSED TIME
SV51	110
SV52	80
SV53	50

FIG.38

NATURE	SCHEDULED START TIME
SV51	12:00
SV52	12:30
SV53	13:00

FIG.39

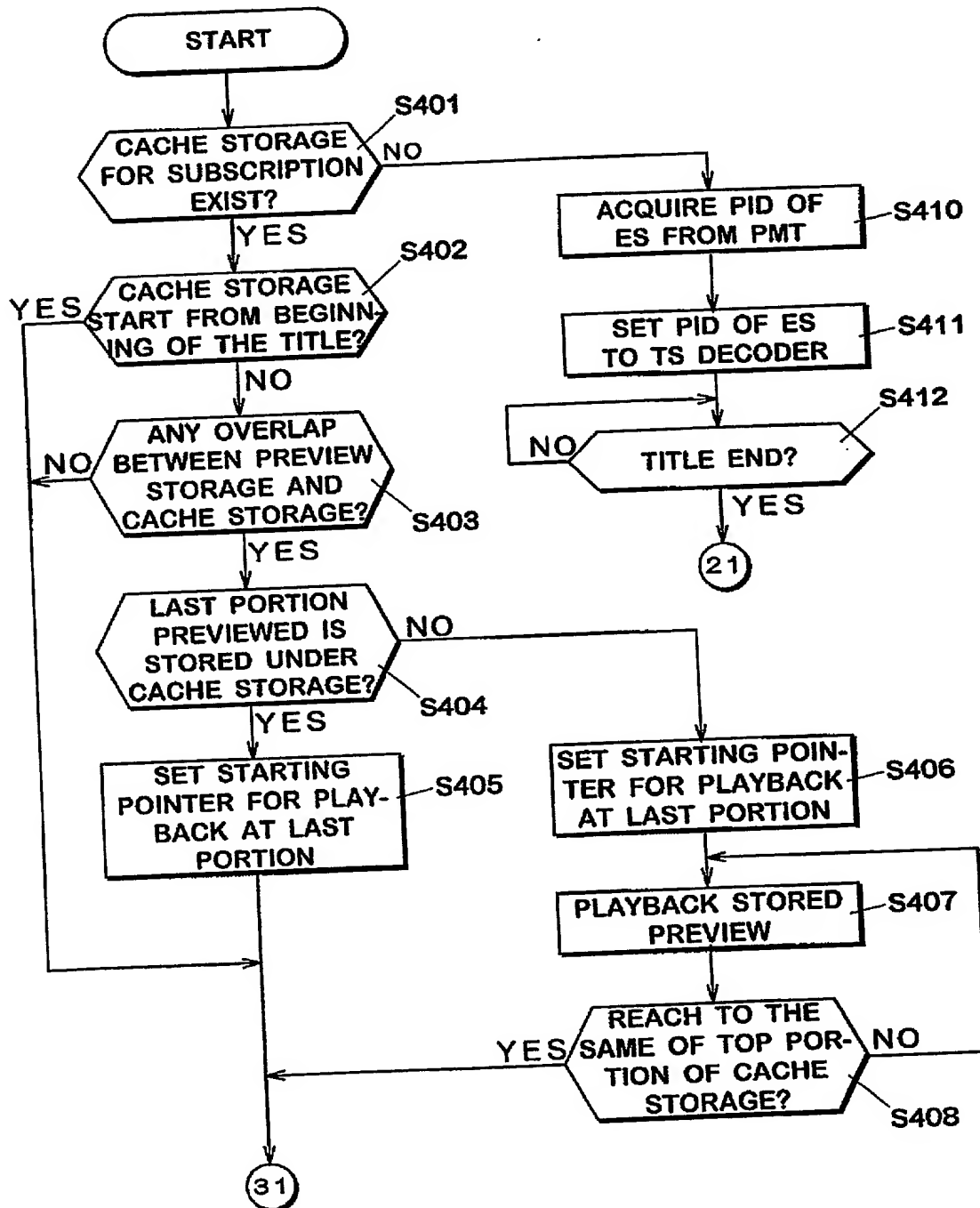


FIG.40

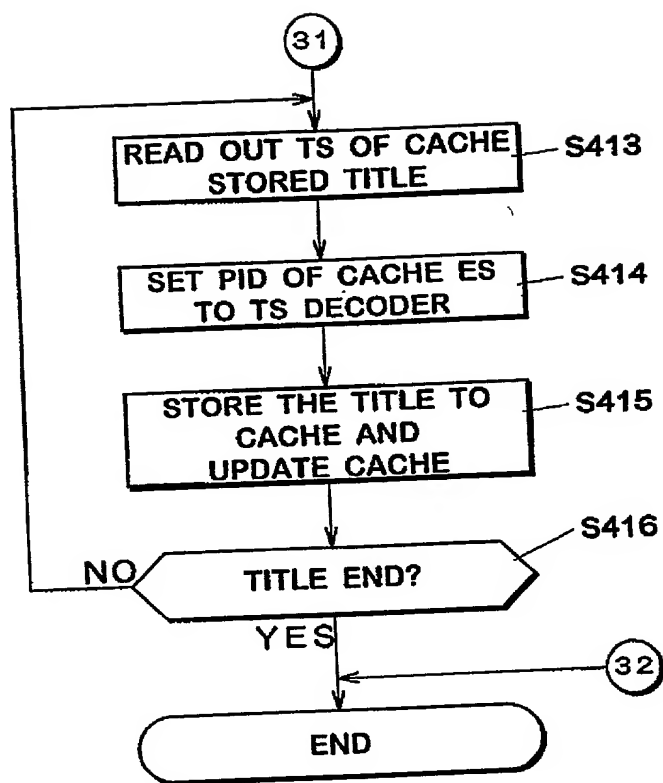


FIG.41A

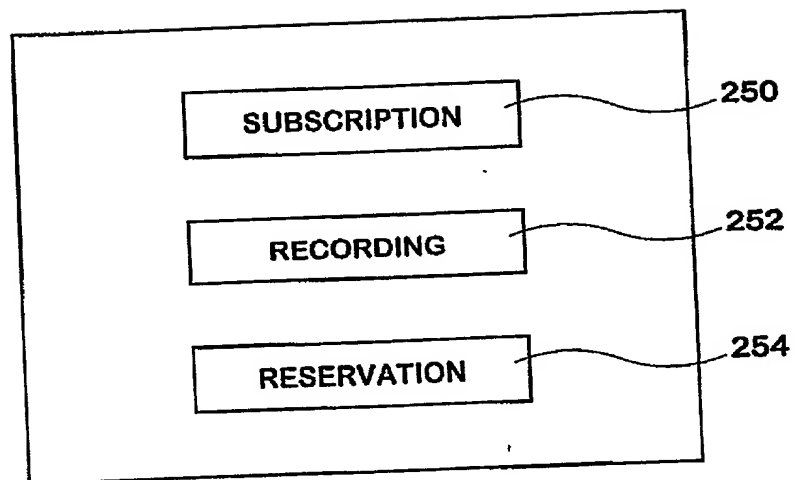


FIG.41B

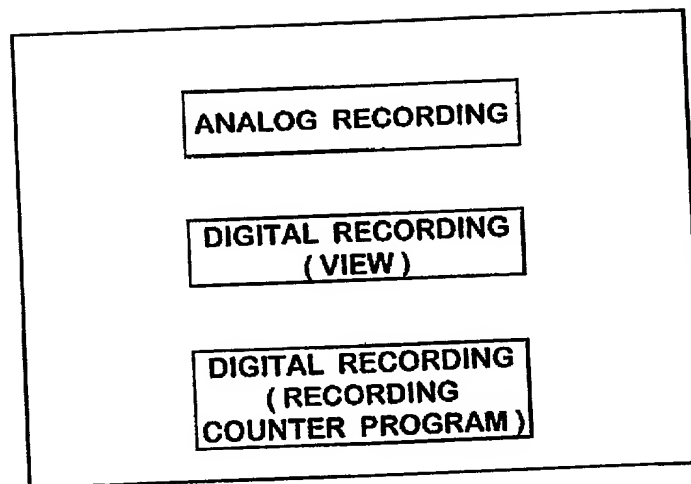


FIG.41C

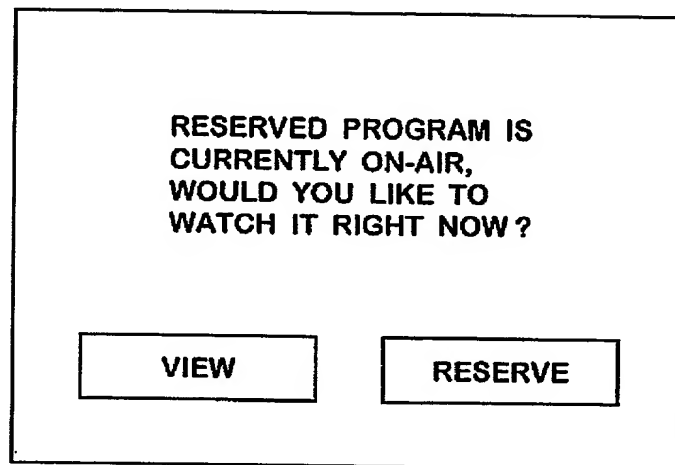


FIG.42

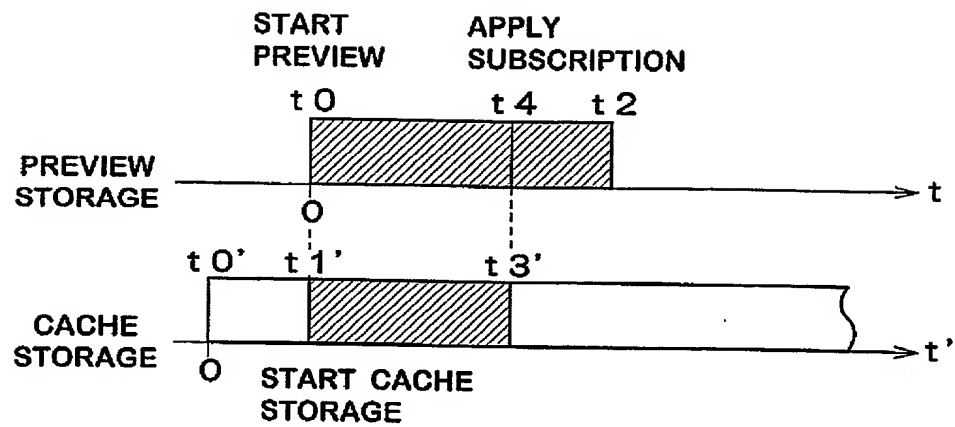


FIG.43

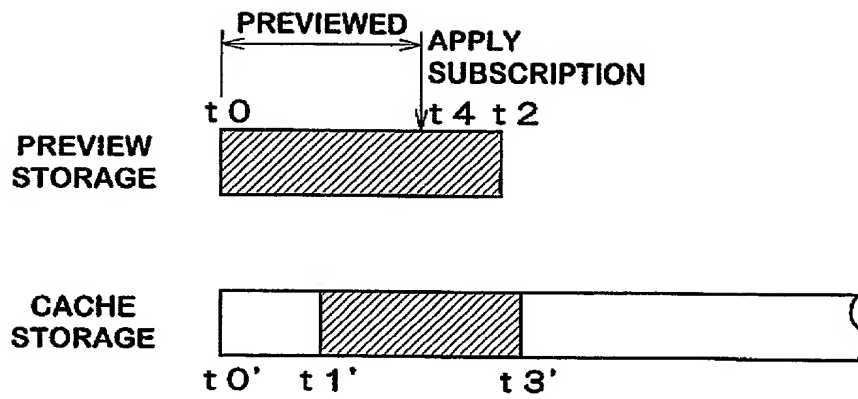


FIG.44

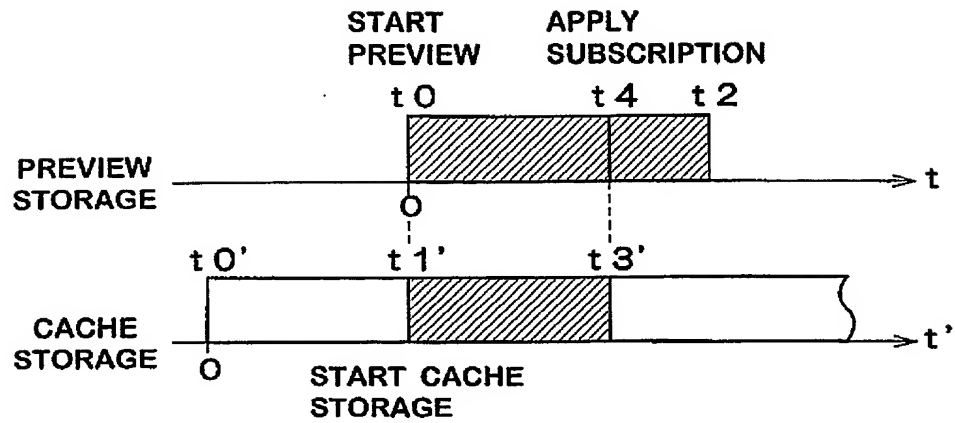


FIG.45

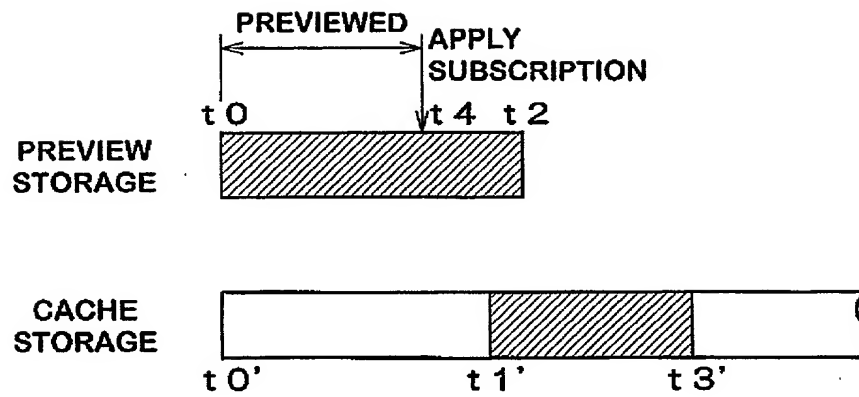


FIG.46

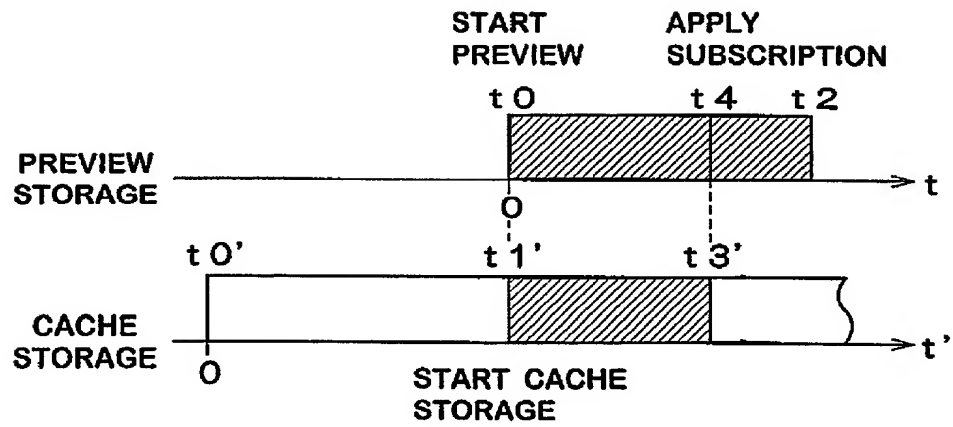


FIG.47

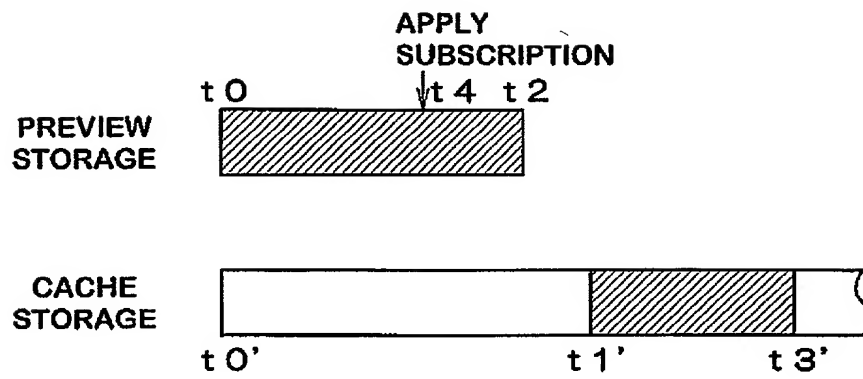


FIG.48

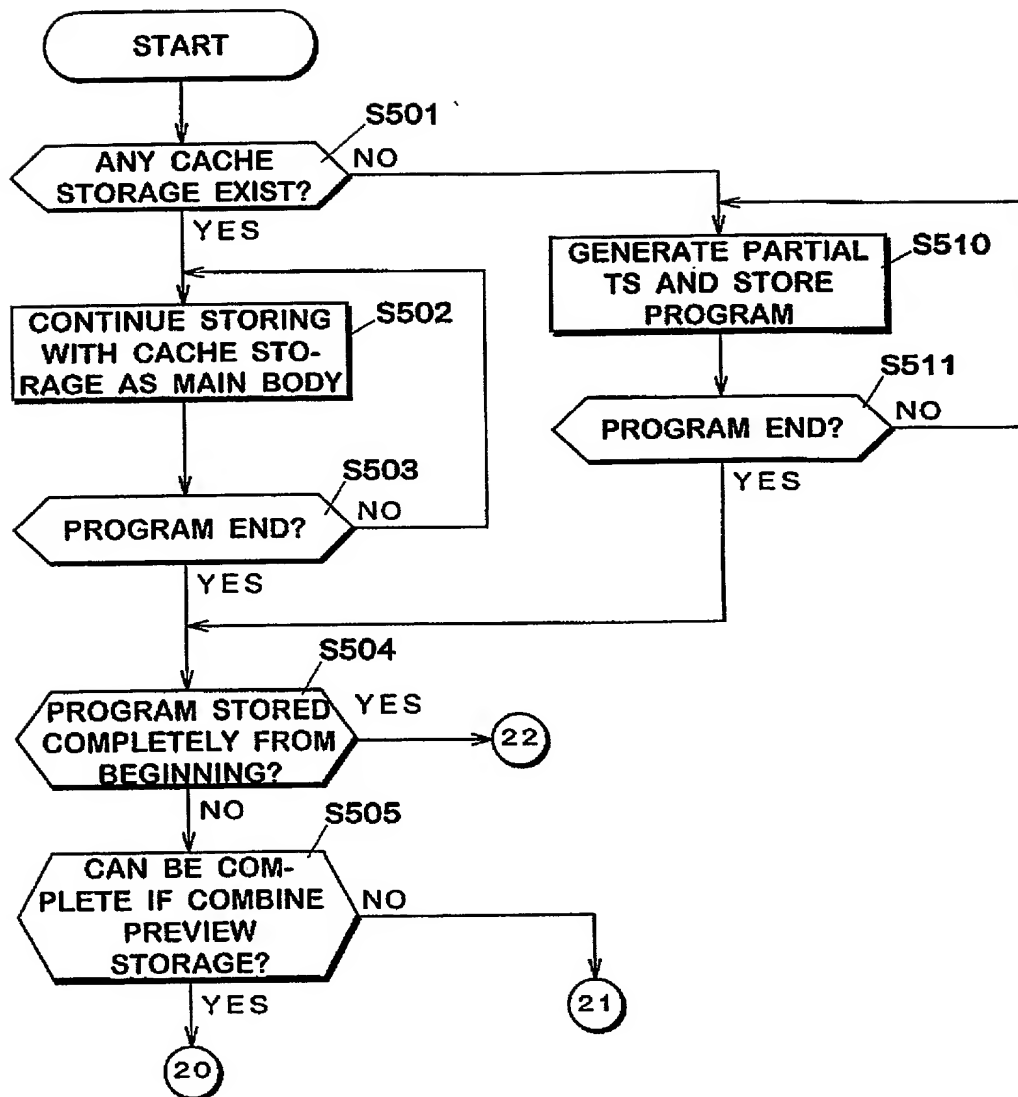


FIG.49

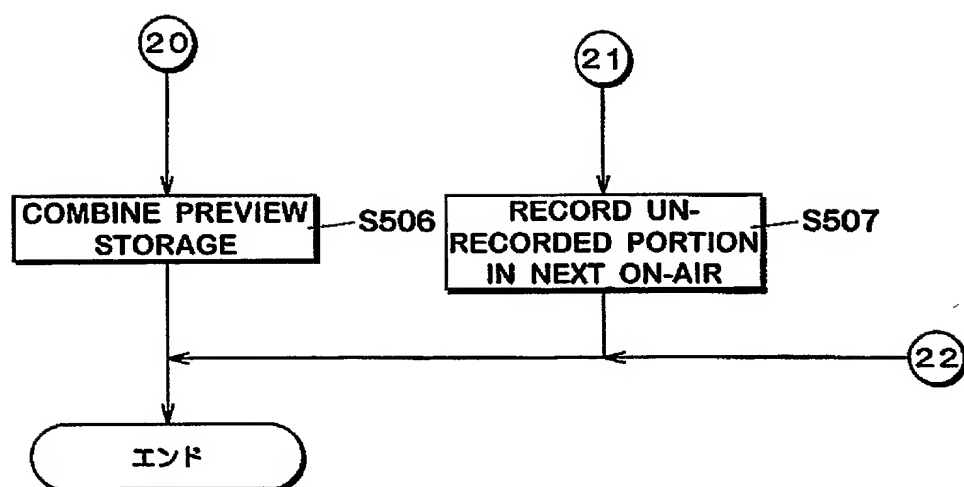


FIG.50

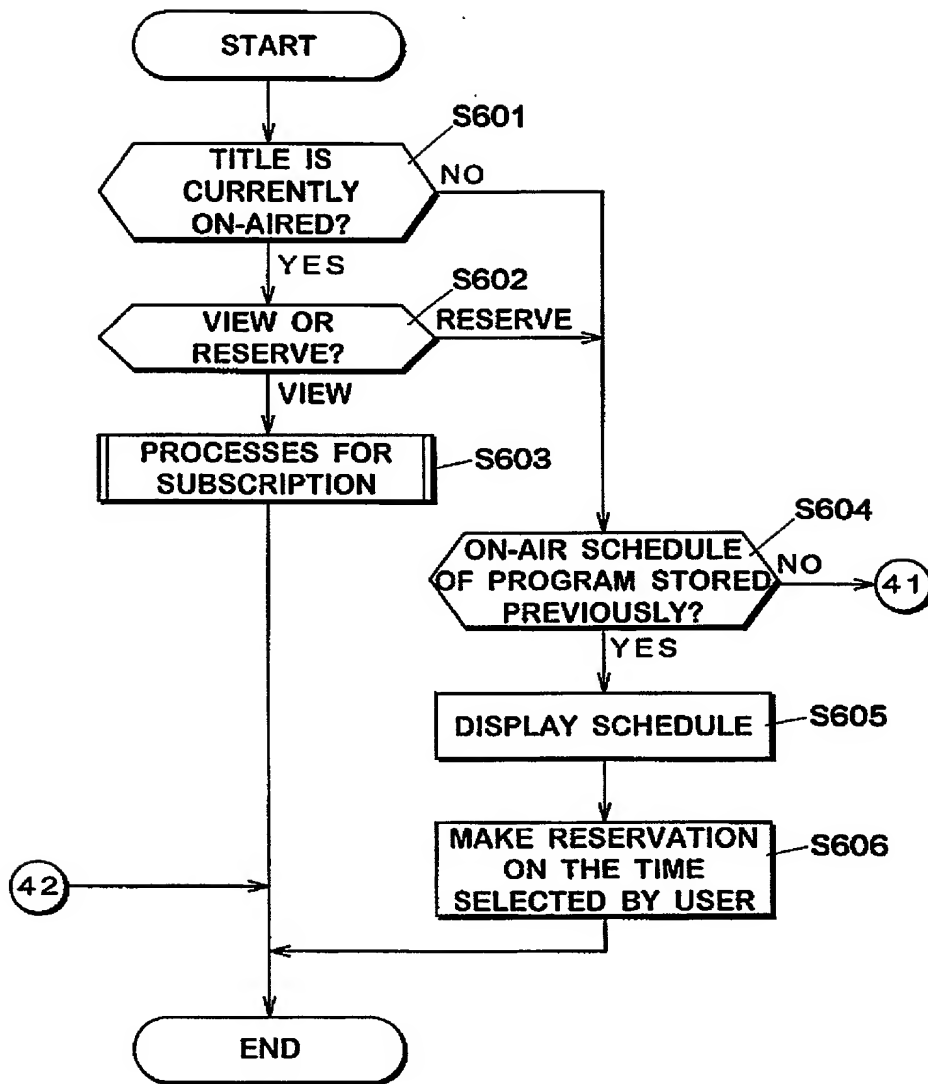


FIG.51

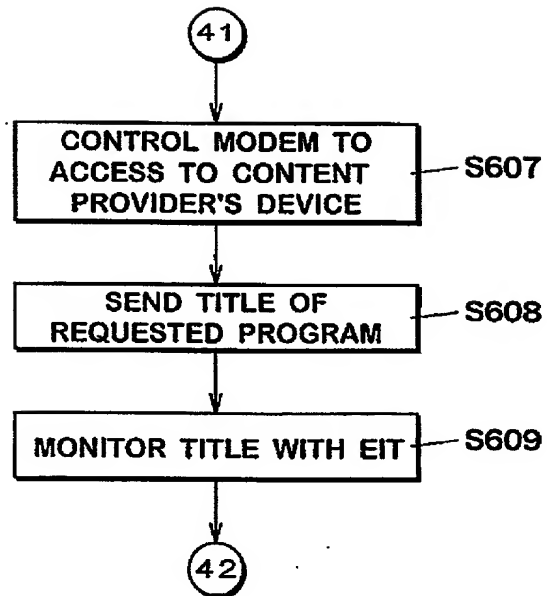


FIG.52

EPG

500

PANA	MMM	GET CHANNEL	HART
9:00	9:00 PRE-VIEWABLE		
	LIME		
	10:00 PRE-VIEWABLE		
10:30	RINGLE		
	12:00 PRE-VIEWABLE		
MODEL SHOW	ROUTE		

FIG.53

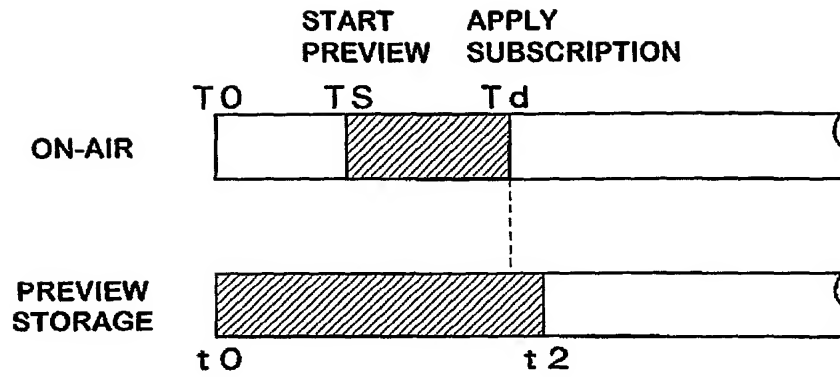


FIG.54

110	112	114	116	118	120	122	123	124
FLAG INDICATING PREVIEW	INFOR- MATION ON TYPE OF CONTENT	STREAM ID	CATE- GORY	INFORMA- TION ON PARENTAL GUIDANCE	PLAY- BACK PERIOD	TITLE DESCRIPTION	SUB- SCRIPTION COLUMN	CAPACITY NEEDED FOR PREVIEW

FIG.55

FLAG INDICATING PREVIEW	TYPE OF STORED CONTENTS	STREAM ID	CATE- GORY	PARENTAL GUIDANCE	PLAY- BACK PERIOD	TITLE	SUB- SCRIP- TION	CAPACITY NEEDED FOR PREVIEW
1	PREVIEW	0001	FOREIGN FILM	—	10	PAY THEM BACK		8
—	PREVIEW	0002	FOREIGN FILM	—	5	JUNGLE PARK	—	14
2	PREVIEW	0003	DOMESTIC FILM	—	12	RINGLE		10
—	PREVIEW	0004	ANIMA- TION	—	30	TOM& JET	—	24
—	PREVIEW	0005	DOMESTIC FILM	—	10	A GIRL FLY OVER SKY	—	8
—	REGULAR	0006	DOCU- MENTARY	—	230	AN INCIDENT OCCUR ON THAT DAY	—	—

FIG.56

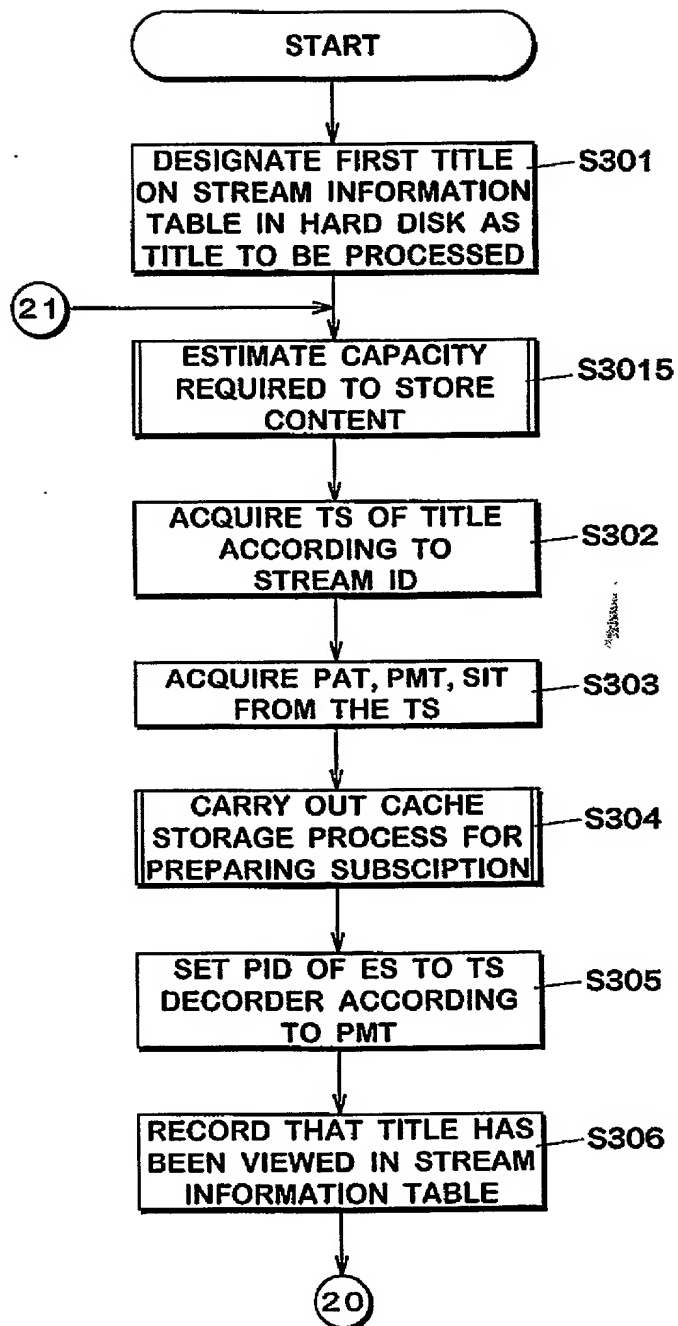


FIG.57

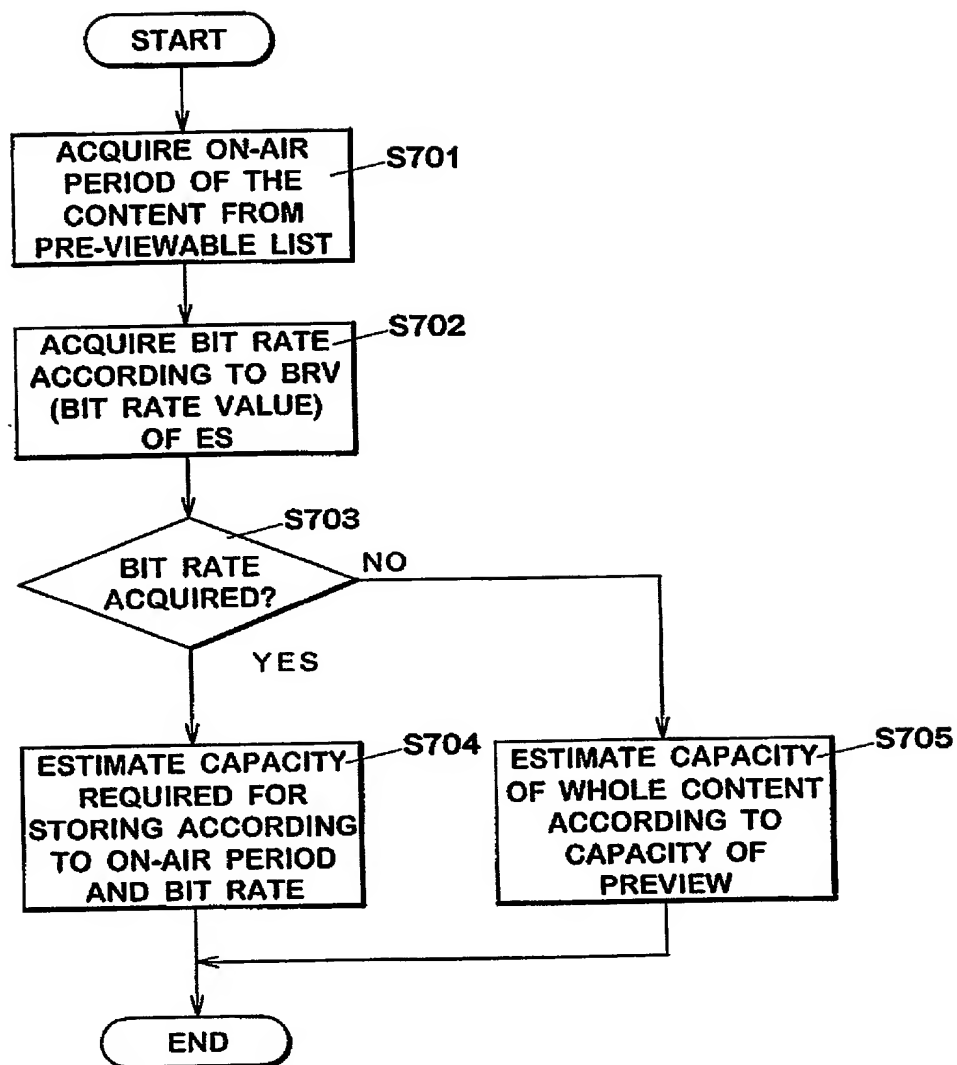


FIG.58

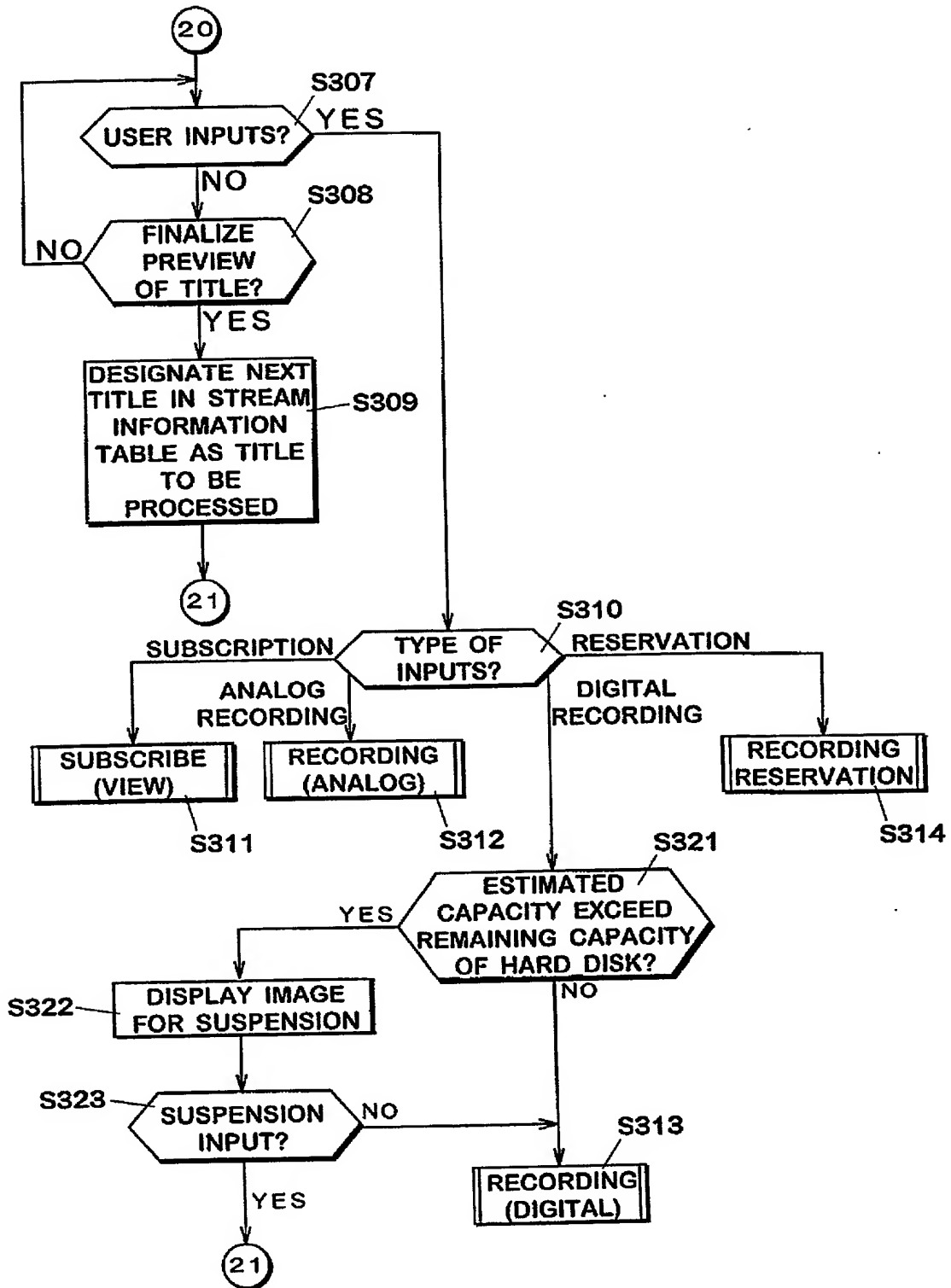


FIG.59

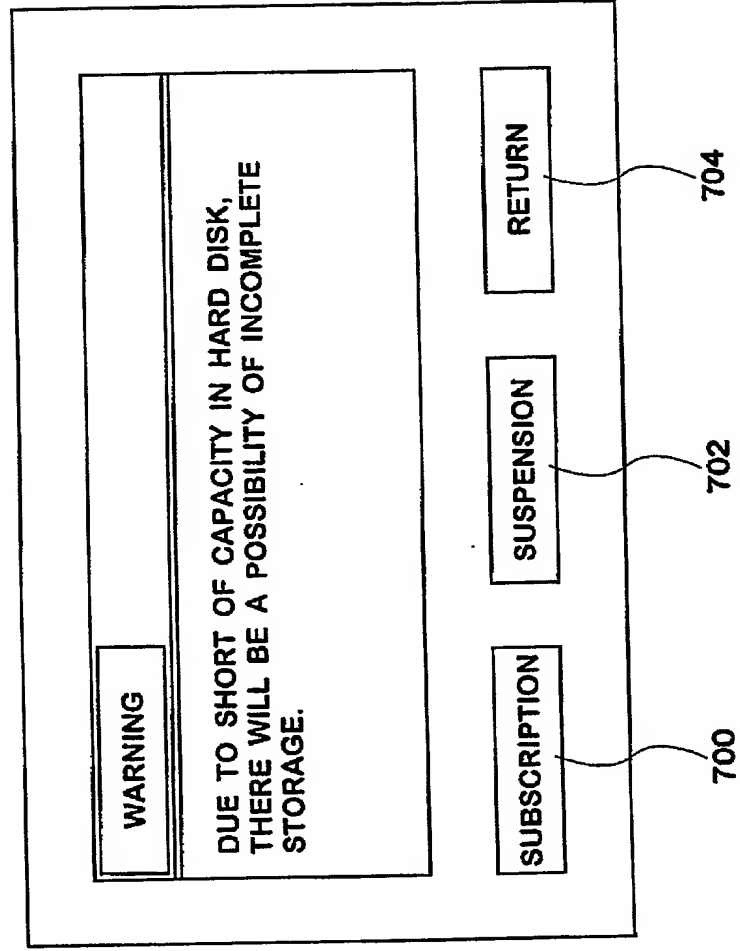


FIG.60A

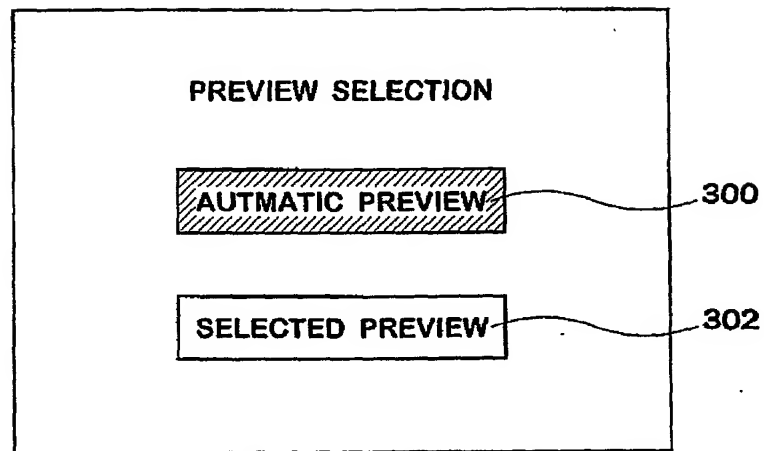


FIG.60B

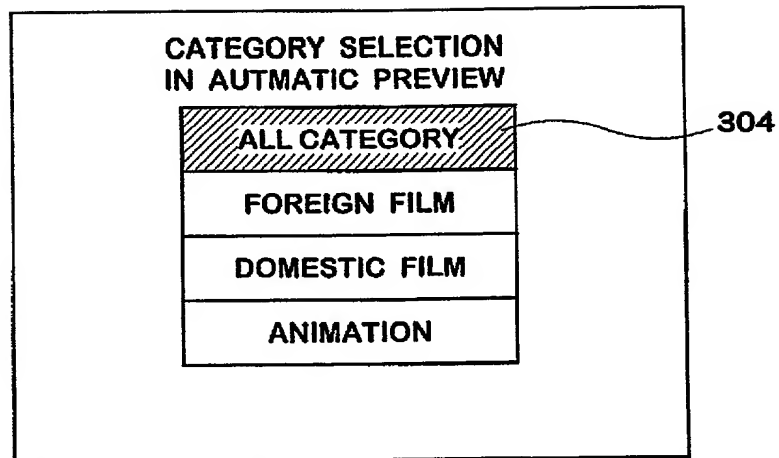


FIG.60C

FOREIGN FILM	PAY IT FORWARD
FOREIGN FILM	JURASSIC PARK
DOMESTIC FILM	RINGLE
ANIMATION	TOM & JERRY

PLAYBACK PERIOD XXMIN.CAPACITY
XXBYTES REMAININGS XXBYTES

FIG.61

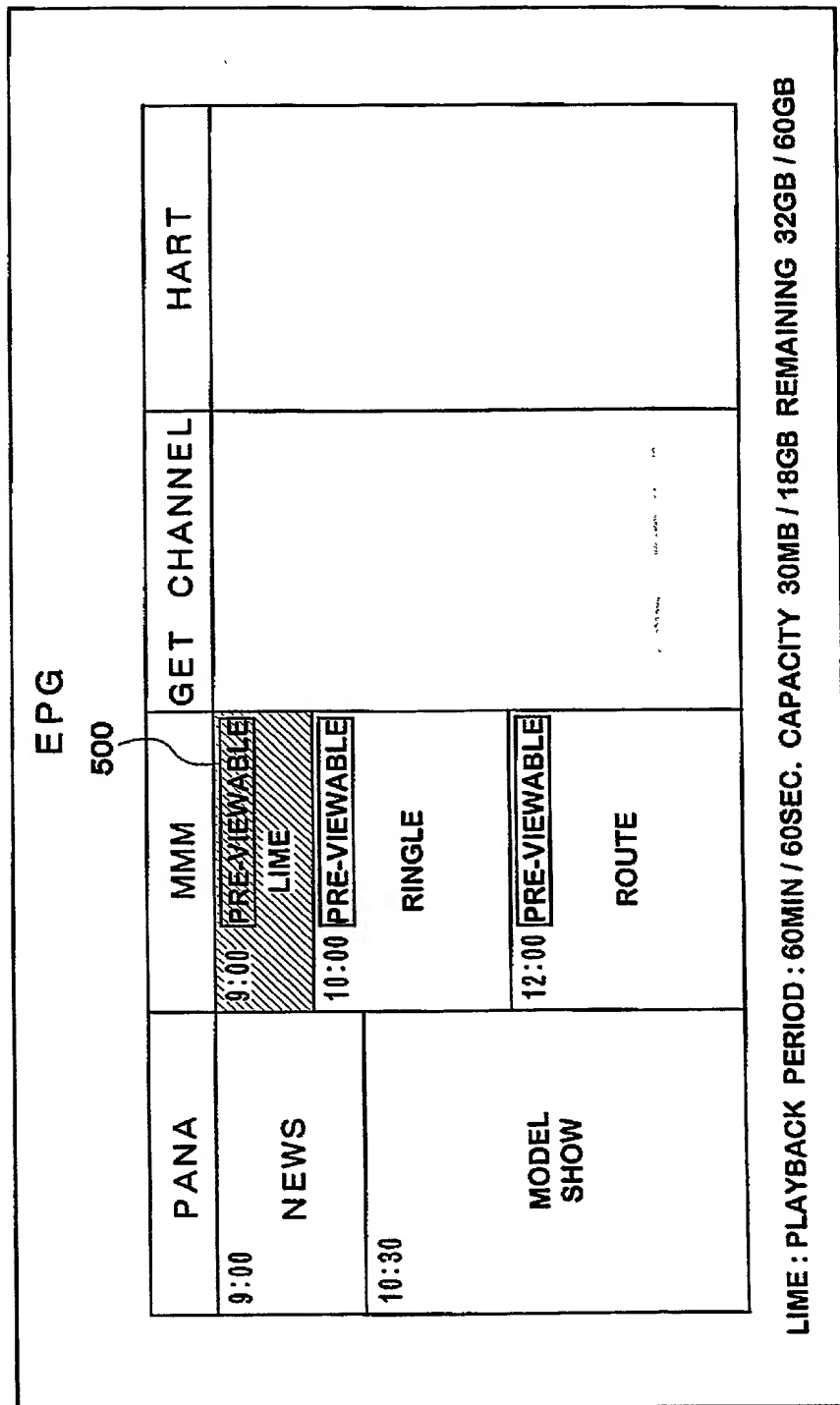


FIG.62A

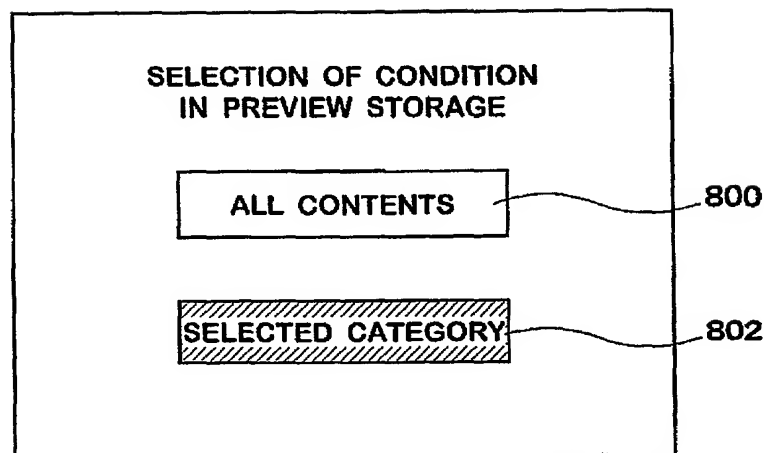


FIG.62B

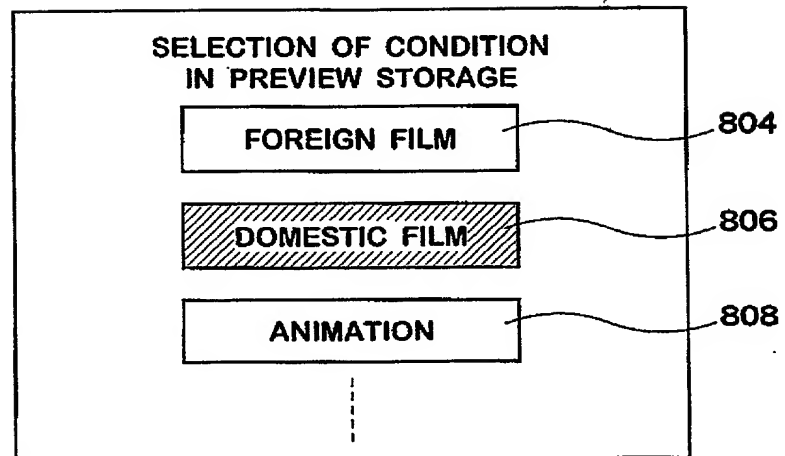


FIG.63

STORAGE CONDITION RECORD TABLE
DOMESTIC FILM

FIG.64

CHANNEL NUMBER	CATEGORY	TIME AND DATE OF ON-AIR	DATE OF VIEWING	TIME PERIOD OF VIEWING	PREVIEW- ABLE
0103		2001.12.11 11:30	2001.12.11 20:00	10	1
0215		2001.12.12 18:00	2001.12.12 18:00	5	0

FIG. 65

110	112	114	116	118	120	121	122	123	124	126
FLAG INDICATING PREVIEW	INFOR- MATION ON TYPE OF CONTENT	STREAM ID	CATE- GORY	INFORMA- TION ON PARENTAL GUIDANCE	PLAY- BACK PERIOD	LENGTH OF MAIN PORTION	TITLE	SUB- SCRIPTION COLUMN	CAPACITY NEEDED FOR PREVIEW	ESTIMATE CAPACITY FOR MAIN PART

FIG. 66

[illegible]